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ABSTRACT

As a part of Ohio's program review and evaluation of vocational education, the report is concerned with a study of the costs of operating vocational education programs throughout the State. A cost analysis system for secondary level vocational education instructional programs was developed in 1970 and has been restudied each succeeding year. The system provides: (1) an internal analysis of the cost of operating a vocational education program among the expenditure categories of administration, supervisor vocational area, principal/director school, vocational texts and supplies, vocational shop laboratory equipment, other expenditures, and operation and maintenance; and (2) a comparative analysis of the operating costs both by expenditure categories and by total costs among classes, taxonomies, kinds of school districts and program types in a management information system. A structured instrument was developed to collect instructional program costs data from local educational agencies. These summaries of expenditures for fiscal year 1974 are included in the report. The data generated are an important part of a management information system to help local agencies review vocational education program costs and to find ways of improving programs. Equipment depreciation tables, participating school districts, and cost manual sample pages are appended. (Author/MF)

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ED122073

A SYSTEM FOR ANALYZING THE COST OF OPERATING VOCATIONAL EDUCATION PROGRAMS AT THE SECONDARY LEVEL IN OHIO

A STUDY OF SCHOOL YEAR

1973-1974

OHIO DEPARTMENT OF EDUCATION
COLUMBUS, 1975

VT 102 702

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
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PREFACE

The Vocational Education Act of 1963 and subsequent amendments have charged vocational educators with the accountability of the vocational education program. Inherent within the charge was the responsibility to design and implement a system of program evaluation. The design and development of an evaluation system for vocational education in Ohio was begun in 1969. It has evolved into the movement which has become known as PRIDE, Program Review for the Improvement, Development and Expansion of Vocational Education and Guidance. One part of this program review has been a study of the costs of operating vocational education programs.

The reasons for analyzing educational program costs were not unique to vocational education. However, the efforts to determine educational costs put forth by other investigators have not provided the depth and breadth of the cost elements necessary to meet the needs of vocational education in Ohio. Therefore, it was deemed advisable to develop a system for analyzing operating costs attributed to vocational education that would provide the necessary elements for a management information system as one of the six elements of PRIDE. The design and development of a system for analyzing these costs have paralleled the development of the other elements of the program evaluation system.

Byrl R. Shoemaker, Director
Division of Vocational Education

FOREWORD

Cost analysis of secondary vocational education instructional programs has been carefully studied since C. O. Tower, (retired 1972) assistant director, Ohio Research Coordinating Unit, drew up the original federal proposal for cost analysis during 1970. The cost analysis of vocational programs has been studied each year for five years. Improvements have been added after each yearly study was completed. Robert H. Koon piloted the cost analysis study in 15 local school districts in April 1971. George Sterling, supervisor, Ohio RCU, took over as principal investigator in December, 1971, when Koon was promoted to assistant director of Professional Staff and Curriculum Development in the Division of Vocational Education.

A significant basis for cost analysis seems to be available, as most of the school districts in Ohio have participated in the cost analysis study. Approximately one-fifth of the school districts in Ohio participate in PRIDE (Program Review for the Improvement, Development and Expansion of Vocational Education and Guidance) each year; PRIDE is an evaluation and planning program for the Division of Vocational Education, with cost analysis as one of the six areas analyzed in the evaluation

R.D. Balthaser
R. D. Balthaser
Assistant Director, RCU

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CHAPTER I

INTRODUCTION TO THE STUDY

1.1 Statement of Problem

The Research, Survey, Evaluation, Exemplary and Planning Programs of the Division of Vocational Education, Department of Education, State of Ohio was assigned the responsibility to design the evaluation program -- PRIDE. A system for analyzing the cost attributed to operating vocational education programs for local and state educational agency management required the development of a reliable and efficient system of collecting costs, the development of a procedure for analyzing costs, and the initiation of a study of costs attributed to operating vocational education programs in the secondary schools of Ohio.

1.2 Overview of Study

A system for analyzing the cost of operating vocational education programs at the secondary level in Ohio has been designed to provide (1) an internal analysis of the cost of operating a vocational education program among the expenditure categories of Administration, Supervisor Vocational Areas, Principal/Director School, Vocational Texts and Supplies, Vocational Shop Laboratory Equipment, Other Expenditures, and Operation and Maintenance and (2) a comparative analysis of the operating costs attributed to a vocational education program both by expenditure categories and total cost among classes, taxonomies, kinds of school districts and program types in a management information system.

The system has value for all vocational administrators from the local education agency level to the State Division of Vocational Education. However, each should study the use of the system for different reasons.

The local vocational administrators, with the use of their completed data gathering instrument, should compare their internal analysis of expenditure categories and their total operating costs attributed to a vocational education program by class, taxonomy, vocational service and program type within their school district, with corresponding kinds of school districts and with state average statistics. Likewise, the State Division of Vocational Education, with the use of the state study, should compare internal analysis of expenditure categories and total operating costs attributed to a vocational education program by taxonomy, vocational services, kinds of school districts and program types.

The local educational agencies should study the average cost and data in planning operating budgets for existing and new programs. The State Division of Vocational Education should study the data generated to plan legislative action for support of existing and expanding programs.

CHAPTER II

RELATED LITERATURE

2.1 Other Studies: Their Relationship to this Study

When the pilot part of this study started in 1970, the objectives of the study were to test a data gathering instrument for secondary instructional program cost and to provide cost data for local and state education decision makers. A study of the related literature to determine educational costs put forth by other investigators did not provide sufficient information about the depth and breadth of the cost elements necessary to meet the needs of vocational education in Ohio. Therefore, the pilot cost study was developed to provide six elements of PRIDE. As the study developed in its PRIDE role, an analysis of the pilot report revealed the need for an equipment depreciation table to alleviate the exaggerated equipment replacement costs which were reported as expenditure in the year purchased rather than spread out over actual years of use. A further study of the related literature did not turn up any depreciation tables that would fit Ohio's vocational needs. Therefore, the Ohio Division of Vocational Education made a depreciation table which is specifically designed to spread costs out over years of use.

The current annual consolidated study recommendations emphasize cost follow-up as one of the PRIDE elements to determine what are some of the innovations needed in vocational education. This appears to be strongly supported by related studies of vocational education in the states of Illinois, Minnesota, Pennsylvania and Tennessee which are specifically mentioned to illustrate how their study literature may benefit Ohio in meeting the need for more effective education by making more effective use of each tax dollar.

2.2 THE KAUFMAN STUDY IN PENNSYLVANIA (1)

In 1969, Kaufman and others from Pennsylvania State University made a cost-effectiveness study of vocational and nonvocational education in secondary schools. The study describes what data were available and lists some of the inadequacies of the data available for cost analysis. In fact, the Kaufman Report claims that schools should begin to keep more adequate cost records as well as other information to determine the degree of effeciency of various educational programs. It also states that present record systems are inadequate if school administrators want to determine the optimum allocation of resources. The Kaufman Report also seems to have a very sound statistical method for determining the marginal cost of instructing an additional student and the optimal scale of operation for a program, if detailed cost information can be obtained from local school ledgers to insert into a management information system for local or state use.

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(1) Dr. Jacob J. Kaufman and Others, "A Cost-Effectiveness Study of Vocational Education: a Comparison of Vocational & Nonvocational Education in Secondary Schools," The Pennsylvania State University, March, 1969.

2.3 THE EDUCATIONAL MANAGEMENT SERVICES, INC. STUDY IN MINNESOTA(2)

During 1973, Mohrenweiser and others from Educational Management Services, Inc., made a study focused upon the determination of added costs and funding of vocational programs at the secondary level for the state of Minnesota. The difficulty in obtaining financial data which could be directly associated with the vocational program represented one of the major problems they mentioned in the study. The same problem was mentioned in other studies in Pennsylvania, Tennessee and Ohio.

Mohrenweiser claimed that the factors which account for much of the variability among and between programs are the number of students served per teacher and teacher salary costs. In addition, he claimed that direct vocational instructional salary costs were found to account for approximately one half of the total program cost/instructional contact hour. Then, he strongly recommended that a method of funding secondary vocational programs in the state of Minnesota be devised to account for cost differentials among programs and among school districts which would encourage optimal program enrollments.

2.4 THE HARRIS-O'FALLON STUDY IN TENNESSEE(3)

In 1973, co-directors Harris and O'Fallon contracted with the Tennessee State Research Coordinating Unit for Vocational Education to conduct a microanalysis of costs of vocational-technical programs in six selected secondary schools in Tennessee. The basic data were analyzed to show high, low and mean costs by course, program, and cost category based on current enrollments and on capacity enrollments. Total costs per pupil contact hour ranged from less than $1 to over $2. Direct costs, primarily teachers' salaries, were reported to be the largest factor in the cost break-down, which agrees with findings of both Minnesota and Pennsylvania. Although the number of schools sampled was very small, the in-depth analysis of the schools in the sample, and the recommendation for extending the cost analysis to all schools in the state to build a data base for local and state planning appear to have merit, as all of the cost studies analyzed by this writer seem to stress the need for more accurate costs to use with other educational reports to develop an effective management information system.

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(2) Dr. Gary A. Mohrenweiser and Others, Educational Management Services, Inc., State Department of Education, Minneapolis, Minnesota, August 1973.

(3) Dr. George W. Harris, Jr. and others, "Cost Analysis of Secondary School Vocational-Technical Education Programs," Tennessee State Research Coordinating Unit for Vocational Education. State Department of Education Division of Vocational-Technical Education, June 1973.

2.5 THE NYSTROM STUDY IN ILLINOIS(4)

In 1973, Nystrom and others developed a Cost Differential Analysis Project with tables for cost per credit hour and cost differentials for occupational education. Tables included in the study illustrate the effects that maximum enrollments have on vocational education costs when compared to costs per credit hour for nonvocational courses based on current enrollment figures. As the study involved the participation of only 25 schools, the real value of the data reported in the statistical tables lies, as the Nystrom group states, in its utilization as a basis for developing formulae based on differential costs. The usefulness, then, will depend on other information that should be utilized along with the program costs such as data showing manpower supply and demand, building capacities, and student follow-up.

Nystrom recommends research personnel assure anonymity for all of the participating schools in the printed study since preliminary costs analysis procedures may be in error. This writer strongly agrees, as he encountered this problem in working with Ohio's Pilot Cost Analysis Study in 1970.

2.6 THE BARSBY STUDY IN ARIZONA(5)

In 1971, Barsby made an appraisal of school accounting practices for occupational education by examining the actual accounting practices of three high schools and one junior college district in Arizona and by examining reports collected at the county and the state level of education. Although the school sample appears to be quite small, Barsby's conclusions strengthen what other authors are saying. This study seems to present some logical solutions to the knotty problem of how to prorate experditures and presents some questions that will probably generate some useful suggestions. For example, he states that state, county, and local administrators often do not have sufficient information on either the costs of the activities with which they are concerned nor the effects of these activities to allow them to make sound policy and administrative decisions. Besides this, he alleges that in order to estimate full costs of occupational education programs, costs borne by the student (including opportunity costs) must be considered. After selecting the correct set of data for the particular question that is being asked, he declares that it is risky to project future costs either as an extension of present levels or an extension of trends noted in the past. Why? Changes in resource needs will occur in "lumps" as a service area expands because it is not practical to purchase buildings and equip them in small increments.

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(4) Dr. Dennis C. Nystrom and Others, "Cost Differential Analysis Project: Methods of Research, Data Analysis, and Suggested Utilization," Department of Occupational Education, Southern Illinois University, Carbondale, Illinois, May, 1973.

(5) Steven L. Barsby, "School Accounting Practices for Occupational Education: An Appraisal and Suggested Revisions for the State of Arizona," Arizona Research Coordinating Unit, Northern Arizona University, 1971.

2.7 THE GHAZALAH STUDY IN OHIO(6)

In 1972, Ghazalah from Ohio University conducted a cost-benefit study of secondary vocational education for the State of Ohio Division of Vocational Education. The major purpose of the study was to evaluate the private and social costs and returns on vocational programs offered at the high school level. In addition, the study appears to furnish a number of empirically testable implications concerning the importance of skill and training development in the economy as a whole. The study also seems to illustrate the obvious value of vocational education.

Ghazalah calculated the rate of return on vocational education investment in pupil dropout prevention and the return on investment of a pupil taking academic education vs. a pupil taking vocational education. As he states, the magnitudes of the obtained rates of return in his tables should leave no doubt about the advisability of maintaining, indeed expanding, these vocational programs.

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(6) Dr. Ismail A. Ghazalah, "The Role of Vocational Education in Improving Skills and Earning Capacity in the State of Ohio: A Cost-Benefit Study," Department of Economics, College of Business Administration, Ohio University, Athens, OH, November, 1972.

CHAPTER III

PROCEDURES USED TO DEVELOP A SYSTEM OF COLLECTING OPERATING COST DATA

3.1 Advisory Committee

At the inception of the project it was recognized that a study of this magnitude would have numerous ramifications and involve many school districts with their accounting and reporting personnel. To insure maximum input, an advisory committee composed of superintendents and other appropriate school officials was organized. They were also asked to participate in a field test of the system when completed. This pledge not only assured the project of location testing but also assured the project of sincere and sound advice from interested participants. The 15 school districts that participated in the pilot cost study represented a complete cross section of Ohio's public secondary school organization types; the participants included three city, one exempted village, four local and seven joint vocational school districts.

3.2 Accounting Procedures

As Research, Survey, Evaluation, Exemplary and Planning Programs made a preliminary study, compatibility with present accounting procedures for state and local educational agencies in Ohio became one of the first considerations. It was found that a very satisfactory study could be made for Ohio by following established practices of state and local educational agency accounting procedures and from existing data sources. In order to insure these restrictions, the following constraints were established. The Classification of Expenditures was taken from the Classification of Receipts and Appropriation Accounts for School Districts, Form 84 (Revised 9/67), which was used in conjunction with the Financial Report of the Board of Education Revised form 59 (10/68), a form prescribed by the Bureau of Inspection and Supervision of Public Offices for the use of city, exempted village, local and joint vocational school districts in Ohio.

3.3 Data Reporting Form

The project required the reporting of data at the local educational agency level. In order to insure uniform reporting it was deemed advisable to develop a structured data gathering instrument. Consideration was given to the use of this instrument and the data collected, by local educational agencies as well as by the Division of Vocational Education, for analyzing costs.

The Research, Survey, Evaluation, Exemplary and Planning Programs designed the data gathering instrument and prepared each instrument by computer pre-printing the name and IRN(7) of the school district, name and IRN of the school, name of the teacher, vocational taxonomy number and name(8), program type number(9) and the enrollment for each class operated by the school from information obtained from previous reports and stored in the computerized data bank.

7/ IRN - Informational Retrieval Number: The Informational Retrieval Number was a unique six-digit number for each educational facility and utilized the MODULUS 10 check digit method in the units position. It was assigned by the State Department of Education, Division of Computer Services. It was compatible with the Informational Retrieval Coding System of the USOE reporting system to gather, extract and disseminate information on school districts and schools.

8/ Taxonomy of Vocational Education in Ohio: Taxonomy - Vocational Education instruction in Ohio was organized under seven vocational education services, that is, Agriculture, Distributive Education, Health Occupations, Home Economics, Business and Office, Technical, and Trade and Industrial Education. Instruction in each vocational education service was then further organized into a number of specific instructional areas. This systematic organization of the instructional program for vocational education was called a Taxonomy of Vocational Education.

Instructional Code Numbers - To facilitate the use of this systematic organization, which classifies the instruction for vocational education into instructional programs for each of the seven vocational education services and the instructional program for each of the vocational services into specific instructional areas, a six-digit numbering system (00.0000) was developed. This system provides the instructional program for each vocational service with a singular identity and each specific instructional area within each vocational education service with a singular identity also.

The first two digits on the left, in the six-digit instructional code number, identified the first classification of the instructional program for vocational education, that is, the seven vocational education services. Four-digit numbers on the right identified each sub-classification or area of instruction within each vocational education service. For example, all instructional areas in Agriculture had "01" as the common two digits on the left, while each instructional area within Agriculture had a different four-digit number on the right, as 01.0100 Agriculture Production or 01.0200 Agriculture Supplies/Services. The basis for the Ohio six-digit instructional coding system was the U.S.O.E. Handbook VI, *Standard Terminology for Curriculum and Instruction in Local and State School Systems* 1970 (OE-23052).

9/ Program Type Codes of Vocational Education in Ohio: Program Type Organization - The seven vocational education services were organized around (1) objectives of program, (2) levels of program (secondary, postsecondary or adult), (3) location of instruction (in school or coop), (4) type student served; and (5) vocational depth of program in hours.

Table I displays secondary type codes only as used in this study.

TABLE 1: PROGRAM TYPE DEFINED BY PROGRAM DESCRIPTION AND CLASS HOURS OF VOCATIONAL INSTRUCTION PER WEEK

Program Description	Program Type	Class Hours of Vocational Instruction per Week	Program Type	Class Hours of Vocational Instruction per Week
In-School and Regular	00	22.50	05	5.00
	01	18.75	06	5.00
	02	15.00	07	3.75
	03	10.00	08	7.50
	04	7.50	09	5.00
In-School and Disadvantaged	10	22.50	15	5.00
	11	18.75	16	5.00
	12	15.00	17	3.75
	13	10.00	18	7.50
	14	7.50	19	5.00
In-School and Handicapped	1A	22.50	1F	5.00
	1B	18.75	1G	5.00
	1C	15.00	1H	3.75
	1D	10.00	1J	7.50
	1E	7.50	1K	5.00
Co-op and Regular	20	22.50	24	7.50
	21	18.75	26	11.25
	22	15.00	2A	22.50
	23	10.00		
Co-op and Disadvantaged	30	22.50	32	15.00
	31	18.75		
Co-op and Handicapped	3A	22.50	3C	15.00
	3B	18.75		

On this form, the local educational agency entered the number of days of instruction for the year and operating cost data attributed to vocational education for each of the categories - Administration, Supervisor Vocational Areas, Principal/Director School, Vocational Counselors, Non-vocational Counselors, Vocational Teachers, Vocational Texts and Supplies, Vocational Shop Laboratory Equipment,(10) Other Expenditures, and Operation and Maintenance for each class listed on the preprinted data gathering instrument.

For the local educational agency, the entries on each line were the analysis of the vocational cost of operating a class for a particular vocational taxonomy with a specific program type. A typical page from a preprinted data gathering instrument prepared for a school district is shown on page 10.

3.4 School District Procedure Guide

With data supplied from many school districts, reliability of the data was recognized as an area of concern. In order that all school district personnel collecting the data would perform as a single individual, it was necessary to use the same interpretations and definitions for reporting the data within the same cost categories of the plan of the analysis. To increase reliability, a manual, Procedure Guide for Vocational Education Instructional Program Costs VE31 Report, was developed with the cooperation of Robert E. Millisor, assistant deputy inspector, Schools and Libraries of Ohio, Bureau of Inspection and Supervision of Public Offices.

3.5 Preparing Personnel for Collecting Data

To achieve uniformity, the principal investigator of the project acted as a consultant. In this capacity, the principal investigator held two conferences for school board clerk-treasurers in each of the vocational education planning districts of the state involved in PRIDE. The first meeting in the vocational education planning district was an orientation meeting. At this first meeting, the reasons for a study analyzing the vocational operating costs were explained and the key sections of the manual -- Procedure Guide for Vocational Education Instructional Program Costs VE31 Report -- were shown by transparencies. Next, the manual and the preprinted data gathering instrument for the school districts were distributed to the clerk-treasurers.

10/ Vocational Shop Laboratory Equipment: Since there are no provisions for setting aside funds at a uniform rate each year in a depreciation account for the replacement of vocational shop equipment, school districts spasmodically replace equipment from a number of sources. Bond issues, building tax levies, operation funds, and federal projects are some of the sources used. This condition leads to an erratic pattern of expenditure for replacing equipment, which if used would also produce erratic costs in the study. Also, the cost expenditures in operating funds may fail to show the total cost of vocational shop laboratory equipment replacement. For these reasons, the Division of Vocational Education has studied replacement costs and inserted a shop equipment depreciation in place of the actual expenditures from operating funds.

Depreciation tables are found later in study.

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STATE OF OHIO
DEPARTMENT OF EDUCATION
DIVISION OF VOCATIONAL EDUCATION
RESEARCH, SURVEY, EVALUATION AND EXEMPLARY PROGRAMS
DATA CENTER

SUMMARY OF SECONDARY VOCATIONAL EDUCATION
INSTRUCTIONAL PROGRAM COSTS

NUMBER OF DAYS IN SCHOOL YEAR

LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP NO.	ENROLLMENT	ADMINISTRATION	EXPENDITURES													TOTAL COST	INDEX X	INDEX Y
						INSTRUCTION															
						SUPV. VOC. AREAS	SUPR. NON VOC.	PRIN./ DIR. SCHOOL	VOC. COUNSELORS	NON-VOC. COUNSELORS	ACAD. TCHRS	VOC. TCHRS	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	14.0302 CLERICAL SVCS [illegible]ILL AM I[illegible]A	11	43267	19																	
A	14.0302 CLERICAL SVCS [illegible]ELL[illegible] F[illegible]A[illegible]CES	11	43268	17																	
B	14.0302 TOTAL			36																	
A	14.0303 OFF CLERK PATTISON TERRI	02	43270	21																	
A	14.0303 OFF CLERK [illegible]ILL AM I[illegible]A	02	43354	24																	
B	14.0303 TOTAL			45																	
A	14.0700 STENO & SEC OCC [illegible]ELLE F[illegible]A[illegible]CES	02	43351	19																	
A	14.0700 STENO & SEC OCC [illegible]RASSY [illegible]	02	43353	22																	
B	14.0700 TOTAL			41																	
C	14.XXXX TOTAL			13[illegible]																	
A	17.0700 [illegible] ART OCC FULLER JACK	02	43476	23																	

At the second meeting, which was a workshop, the clerk-treasurers brought cash journals, receipt journals, appropriation ledgers, and related cost information sources to assist them with their work on the operating costs attributed to vocational education and the data gathering instrument on their school district. Miscellaneous group and individual meetings were held for those requesting further help. Cross references, check and guideline estimates were also given to the local educational agency personnel to use in auditing their operating costs attributed to vocational education and the data gathering instrument.

3.6 Development of Analysis of Operating Costs

School District Study

The local school district study consisted of a number of pages of the preprinted data gathering instrument on which the school district had recorded the costs attributed to operating each vocational class in the expenditure categories listed according to the instructions contained in the manual -- Procedure Guide for Vocational Education Instructional Program Costs VE31 Report. These entries on each line were the costs attributed to the operation of vocational programs which a school district used in comparing its type with operating cost data from the Ohio study. A sample page of the preprinted data gathering instrument which illustrates these categories has been completed and is shown on page 15.

State Study

The source of data for the state study for A System for Analyzing the Cost of Operating Vocational Education Programs at the Secondary Level in Ohio was the preprinted data gathering instrument on which the school district had itemized the costs attributed to operating each vocational class according to the listed categories. Vocational programs (classes) were classified by three criteria for the state study.

Classification of Programs (classes)

The major classification of the study was by 43 program types. Under each program type there appeared four classifications of school districts and under each classification of school district there appeared the taxonomies in ascending numerical order for each program, such as a first year auto mechanics class or a second year senior auto mechanics class.

Program Type - Program Type was a classification by depth of instruction or the amount of instructional time devoted each week to the vocational education programs as explained in footnote(9). Instructional time was an operational cost factor. This classification was performed first in order that the analysis of costs attributed to the operating of vocational education would be based upon programs (classes) operated for the same amount of time. At this first point in the analysis, each program (class) had been classified into one of 43 program types.

Classification of School District -- School districts were classified as city, exempted village, local or joint vocational.(11) This classification was performed next in order that the analysis of operating costs attributed to vocational education would be based upon programs (classes) operated by the same kind of school districts. At this second point in the analysis, the programs (classes) in each of the 43 program types had been further classified into one of four classifications - city, exempted village, local or joint vocational school district.

Instructional Taxonomy - Taxonomy was a classification by vocational instructional content. This system is explained in footnote 8. At this third point in the analysis, the programs (classes) in each of the four classifications of school districts for each of the 43 program types was further classified by vocational taxonomy number in ascending numerical order.

Analysis of Operating Costs

By this system of classifying programs (classes), an analysis of operating costs attributed to vocational education was made for each vocational instructional program (taxonomy number) which was operating in any of the four classifications of school districts within any of the 43 program types. The format of the presentation of the findings from analyzing operating costs for the 2,200 vocational programs (classes) in 119 school districts was as follows.

All of the analysis for one program type was completed before the second program type was started. Within each program type, all of the analysis for each classification of school district was completed before the second classification of school district was started. Within each classification of school district, all of the analysis for each instructional taxonomy was completed before the next school district classification was started. (See pages 16 to 28 for program type "00".)

11/ School Districts in Ohio: City school districts were public school districts serving the territory within the corporate limits of each city, but excluding territory detached therefrom for school purposes and including the territory attached thereto for school purposes. Exempted village school districts were public school districts serving the territory within the corporate limits of a village having a population of 3,000 or more, but excluding territory detached therefrom for school purposes and including the territory attached thereto for school purposes. Local school districts were public school districts other than a city, exempted village or joint vocational school district. Joint vocational school district were public school districts established under law as an entity unto themselves, separate and apart from any other school district, which were composed of local, exempted village, and city school districts or any combination of school districts thereof, for the purpose of operating a comprehensive program of vocational education.

An analysis was reported for a vocational service as a whole upon the completion of the analysis of the taxonomies of that vocational service by omitting the classification for the four right digits of the taxonomy numbers. (See page 16 for 09.XXXX).

An analysis was reported for vocational services as a whole with the same program type in the same type of school organization such as city, exempted village, local or joint vocational by omitting the six digits of the taxonomy number. (See page 17).

An analysis was reported for all the school districts as a whole in a fashion exactly the same as for the four classifications of school organizations by omitting the classification for school districts. This state total line shows state average cost for all schools for each program type. (See pages 111 to 114).

The analysis of each classification was presented in a one-line report.

For each of the categories, the arithmetic average of costs reported on all the programs (classes) in the classification was calculated and recorded.

3.7 Report of Analysis of Operating Cost

Cost findings for the state study for A System for Analyzing the Cost of Operating Vocational Education Programs at the Secondary Level in Ohio are illustrated here for the sake of example for the first classification report on page 16.

An analysis of six type 00 programs located in city school districts for the instructional program Fabric Service with taxonomy number 09.0202 showed the following finding:

Line 1 Column 4 - Average number of days in school year was 180.

Line 1 Column 5 - Average number of pupils enrolled was 22.

Line 1 Column 6 - Average Administration cost was $564.

Line 1 Column 7 - Average Supervision of Vocational Area cost was $798.

Line 1 Column 9 - Average Principal/Director School cost was $54.

Line 1 Column 10 - Average Vocational Counselor cost was $495.

Line 1 Column 11 - Average Nonvocational Counselor cost was 0.

Line 1 Column 13 - Average Vocational Teacher cost was $14,279.

Line 1 Column 15 - Average Vocational Texts and Supplies cost was $4,757.

Line 1 Column 17 - Average Vocational Shop Lab Equipment cost was $1,833.

Line 1 Column 18 - Average Other Expenditure cost was $1,242.

Line 1 Column 19 - Average Operation and Maintenance cost was $2,322.

Line 1 Column 20 - Average total cost was $26,344.

Line 1 Column 21 - Average cost of one class hour of vocational instruction was $32.52. Index X equals the yearly costs for a vocational class and the related overhead without the costs for academic education and related overhead. These yearly vocational costs for class are divided by the number of instructional hours for class for the year to arrive at the cost of one class hour of vocational instruction. The Program Type was used to determine the number of hours of instruction in each of the specified patterns of education.

Line 1 Column 22 - Average cost of one pupil hour of instruction was $1.55. Index Y equaled the cost of one class hour of vocational education divided by number of pupils in the class.

STATE [illegible] OF [illegible]
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SUMMARY OF SECONDARY VOCATIONAL EDUCATION
INSTRUCTIONAL PROGRAM COSTS

JULY 1, 1973 JUNE 30, 1974

NUMBER OF DAYS IN SCHOOL YEAR 180

TAXONOMY CODE NAME TEACHER NAME	PROG TYPE	APP NO.	ENROLLMENT	ADMINISTRATION	EXPENDITURES INSTRUCTION SUPV VOC. AREAS	SUPR. NON VOC.	PRIN./DIR. SCHOOL	VOC. COUNSELORS	NON-VOC. COUNSELORS	ACAD. TCHRS	VOC TCHRS	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A 14.[illegible] [illegible] SVCS [illegible]	11	43267	19	665	955	73	63	328	669	234[illegible]	11[illegible]0	1053	3151	193	577	1463	2736	25541		
A 14.[illegible] [illegible] [illegible]	11	43268	17	595	854	66	57	293	600	2129	13[illegible]4	956	2823	173	515	1309	2448	26272		
B 14.[illegible]2 TOTAL			36	1260	1809	139	120	621	1269	4474	24[illegible]4	2009	5974	366	1092	2772	5184	51813		
A 14.[illegible]3 OFF CLERK [illegible]	02	43270	21	735	844	123	70	290	592	4139	10[illegible]43	1859	2788	340	510	1617	3024	27184		
A 14.[illegible]3 OFF CLERK [illegible]	02	43354	24	840	965	146	80	331	677	4730	8453	2124	3186	238	583	1848	3456	27657		
B 14.[illegible]3 TOTAL			45	1575	1809	274	150	621	1269	8869	1870[illegible]	3983	5974	578	1093	3465	6480	54841		
A 14.[illegible] [illegible] SEC OCC [illegible]	02	43351	19	665	764	116	63	262	536	3745	10[illegible]91	1682	2522	308	462	1463	2736	25415		
A 14.[illegible] [illegible] SEC OCC [illegible]	02	43353	22	770	884	134	73	304	620	4336	9194	1947	2921	356	535	1694	3168	26936		
B 14.[illegible] TOTAL			41	1435	1648	250	136	566	1156	8081	19[illegible]8[illegible]	3629	5443	664	997	3157	5904	52351		
C 14.[illegible]XX TOTAL			138	4830	5[illegible]09	761	459	2029	4145	24578	68[illegible]85	11037	19515	1867	3571	10626	19872	178184		
A 17.[illegible] [illegible] OCC [illegible] JACK	02	43478	2[illegible]	805	507	140	77	317	649	4533	10[illegible]1[illegible]	2036	3053	373	(5)	1771	3312	27991		

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090202 FABRIC SVC AVERAGE	00	6 DAYS 180	22	564	798		54	495	0		14279		4757		1833	1242	2322	26344	32.52	1.55
	090203 FOOD SVC AVERAGE	00	2 DAYS 180	15	394	557		38	345	0		17061		3319		2813	867	1620	27013	33.35	2.31
	09XXXX HOME ECONOMICS AVERAGE	00	8 DAYS 180	20	522	738		50	457	0		14975		4397		2078	1148	2147	26511	32.73	1.74
	140100 ACCOUNT ? COMP AVERAGE	00	1 DAYS 180	22	578	1327		55	506	0		12012		4867		4063	1271	2376	27055	33.40	1.52
	140200 BUS DP SYS AVERAGE	00	2 DAYS 180	22	578	1327		55	506	0		9474		4867		6250	1271	2376	26703	32.97	1.52
	140303 OFF CLERK AVERAGE	00	3 DAYS 180	21	560	1286		53	491	0		12621		4720		2625	1232	2304	25892	31.97	1.51
	140700 STENO ? SEC OC AVERAGE	00	3 DAYS 180	23	612	1407		59	537	0		10659		5162		2625	1348	2520	24929	30.78	1.32
	14XXXX BUSINESS & OFF AVERAGE	00	9 DAYS 180	22	583	1340		56	511	0		11200		4916		3590	1283	2400	25880	31.95	1.45
	170301 BODY ? FENDER AVERAGE	00	2 DAYS 180	21	538	679		52	425	0		15020		4536		1369	1184	2214	26035	32.15	1.57
	170302 MECHANICS AVERAGE	00	12 DAYS 180	19	485	228		621	321	259		12910		1825		1750	1381	1787	21565	26.60	1.45
	171001 CARPENTRY AVERAGE	00	2 DAYS 180	18	473	640		45	400	0		16371		3982		938	1040	1944	25832	31.89	1.87

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					EXPENDITURES				INSTRUCTION												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	171300	00	2																		
	DRAFTING OCC		DAYS																		
	AVERAGE		18	17	447	562		43	352	0		7663		3761		750	982	1836	16305	20.24	1.22
	171501	00	2																		
	COMM ELECT		DAYS																		
	AVERAGE		18	24	617	778		59	487	0		15755		5199		2500	1358	2538	29290	36.16	1.55
	171502	00	2																		
	INDUST ELECT		DAYS																		
	AVERAGE		181	15	452	0		913	790	396		13595		604		2778	2526	2110	24072	29.56	2.06
	171900	00	2																		
	GRAPHIC ART OC		DAYS																		
	AVERAGE		18	20	512	645		49	404	0		12324		4314		2833	1126	2106	24313	30.02	1.63
	172302	00	3																		
	MACH SHOP		DAYS																		
	AVERAGE		18	17	470	21		636	0	423		13325		365		5000	1260	1147	22647	27.91	1.65
	172306	00	2																		
	WELDING + CUT		DAYS																		
	AVERAGE		18	19	500	35		625	0	430		12980		152		1364	1531	1207	18822	23.24	1.28
	172602	00	3																		
	COSMETOLOGY		DAYS																		
	AVERAGE		181	16	456	0		1044	527	246		12762		566		683	2016	1865	20164	24.80	1.61
	17XXXX	00	32																		
	T & I ED		DAYS																		
	AVERAGE		180	18	490	296		502	348	206		13143		2181		1974	1434	1825	22398	27.62	1.55
	CITY SCHOOL DISTRICTS																				
		00	49																		
			DAYS																		
	AVERAGE		180	19	512	560		346	396	134		13085		3045		2288	1360	1983	23700	29.25	1.56

EXEMPTED VILLAGE SCHOOL DISTRICTS
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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD TCHRS	VOC. TCHRS	ACAD TEXTS & SUPP.	VOC. TEXTS & SUPP	ACAD LAB. EQUIP	VOC. SHOP LAB EQUIP	OTHER EXPEND	OPER AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140700	00	2																		
	STENO + SEC OC		DAYS																		
	AVERAGE		177	14	636	0		117	0	123		10518		211		2625	1423	703	16354	20.53	1.47
	14XXXX	00	2																		
	BUSINESS & OFF		DAYS																		
	AVERAGE		177	14	636	0		117	0	123		10518		211		2625	1423	703	16354	20.53	1.47

EXEMPTED VILLAGE SCHOOL DISTRICTS

		00	2																		
			DAYS																		
	AVERAGE		177	14	636	0		117	0	123		10518		211		2625	1423	703	16354	20.53	1.47

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010104 FARM BUS MNGMT AVERAGE	00	1 DAYS 179	17	302	0		624	0	432		13083		102		1250	1335	1170	18498	22.96	1.35
	01XXXX AGRICULTURE AVERAGE	00	1 DAYS 179	17	302	0		624	0	432		13083		102		1250	1335	1170	18498	22.96	1.35
	070101 DENTAL ASST AVERAGE	00	2 DAYS 180	25	413	1666		884	1542	739		11855		741		1000	1872	1680	22392	27.65	1.11
	07XXXX HEALTH AVERAGE	00	2 DAYS 180	25	413	1666		884	1542	739		11855		741		1000	1872	1680	22392	27.65	1.11
	090203 FOOD SVC AVERAGE	00	2 DAYS 181	16	306	0		362	453	626		9992		46		2813	1186	977	16758	20.58	1.33
	09XXXX HOME ECONOMICS AVERAGE	00	2 DAYS 181	16	306	0		362	453	626		9992		46		2813	1186	977	16758	20.58	1.33
	140100 ACCOUNT + COMP AVERAGE	00	1 DAYS 180	17	281	1134		607	1046	401		10648		1496		4063	1273	1142	22093	27.28	1.60
	140301 DUPLICATING OP AVERAGE	00	1 DAYS 180	24	398	1598		856	1480	566		11562		1735		5000	1797	1613	26605	32.85	1.37
	140303 OFF CLERK AVERAGE	00	5 DAYS 18	19	356	853		679	826	593		10420		670		2625	1529	1270	19771	24.41	1.32
	140700 STENO + SEC OC AVERAGE	00	3 DAYS 18	21	348	1399		743	1295	621		11068		1118		2625	1573	1411	22200	27.41	1.31
	140900 TYPING + REL AVERAGE	00	2 DAYS 180	15	287	0		530	0	250		10565		305		3125	833	1235	17130	21.15	1.41

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EXPENDITURES
INSTRUCTION

LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG TYPE 3	TOTAL APP NO 4	ENROLLMENT 5	ADMINISTRATION 6	SUPV. VOC. AREAS 7	SUPV. NON-VOC 8	PRIN / DIR SCHOOL 9	VOC. COUNSELORS 10	NON-VOC COUNSELORS 11	ACAD TCHRS 12	VOC TCHRS 13	ACAD TEXTS & SUPP 14	VOC TEXTS & SUPP 15	ACAD LAB EQUIP 16	VOC SHOP LAB EQUIP 17	OTHER EXPEND 18	OPER AND MAINT 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	14XXXX	00	12																		
	BUSINESS & OFF		DAYS																		
	AVERAGE		180	19	340	950		679	879	487		10720		879		3026	1425	1318	20701	25.56	1.36
	170100	00	1																		
	AIR COND + HEA		DAYS																		
	AVERAGE		180	19	314	1267		678	1372	449		13237		607		1667	1423	1277	22091	27.27	1.44
	170301	00	1																		
	BODY + FENDER		DAYS																		
	AVERAGE		180	22	365	1465		785	1357	519		12475		1324		1389	1647	1478	22804	28.15	1.28
	170302	00	6																		
	MECHANICS		DAYS																		
	AVERAGE		180	21	418	555		746	514	540		11983		382		1750	1596	1326	19810	24.46	1.21
	171200	00	1																		
	DIESEL MECH		DAYS																		
	AVERAGE		180	23	381	1553		814	1418	680		13319		5129		2188	1722	1546	28730	35.47	1.54
	171300	00	2																		
	DRAFTING OCC		DAYS																		
	AVERAGE		180	20	331	1334		708	1234	591		12746		513		750	1498	1345	21047	25.99	1.31
	171501	00	2																		
	COMM ELECT		DAYS																		
	AVERAGE		180	21	391	733		729	679	470		11966		388		2500	1695	1499	21048	25.99	1.27
	171900	00	2																		
	GRAPHIC ART OC		DAYS																		
	AVERAGE		180	23	373	1499		796	1388	655		11973		1377		2833	1685	1512	24099	29.75	1.34
	172302	00	4																		
	MACH SHOP		DAYS																		
	AVERAGE		180	16	362	583		519	540	422		12004		474		5000	1189	1084	22175	27.38	1.74
	172306	00	1																		
	WELDING + CUTN		DAYS																		
	AVERAGE		180	15	248	1000		535	925	354		13237		5084		1364	1123	1008	24878	30.71	2.05
	172602	00	4																		
	COSMETOLOGY		DAYS																		
	AVERAGE		180	18	341	667		640	617	413		11340		330		683	1483	1313	17825	22.01	1.23

LOCAL SCHOOL DISTRICTS
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									EXPENDITURES												
											INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	17XXXX	00	24																		
	T 6 I ED		DAYS																		
	AVERAGE		180	19	367	864		683	799	501		12121		925		2167	1497	1315	21240	26.22	1.39
	LOCAL SCHOOL DISTRICTS																				
		00	41																		
			DAYS																		
	AVERAGE		180	19	357	865		679	822	513		11618		840		2371	1475	1314	20853	25.74	1.36

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LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	TOTAL APP NO 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC. AREAS 7	SUPV. NON-VOC. 8	PRIN./ DIR. SCHOOL 9	VOC COUN-SELORS 10	NON-VOC COUN-SELORS 11	EXPENDITURES INSTRUCTION ACAD TCHRS 12	VOC TCHRS 13	ACAD TEXTS & SUPP. 14	VOC TEXTS & SUPP 15	ACAD LAB. EQUIP 16	VOC SHOP LAB. EQUIP 17	OTHER EXPEND. 18	OPER AND MAINT 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	010101 ANIMAL SCIENCE AVERAGE	00	3 DAYS 180	17	942	1948		428	756	16		14548		841		1563	763	2338	24143	29.86	1.79
	010104 FARM BUS MNGMT AVERAGE	00	3 DAYS 179	13	789	1605		416	686	16		15239		631		1250	618	1946	23196	28.84	2.24
	010200 AG SUPPLIES AVERAGE	00	1 DAYS 180	18	662	1302		662	1159	0		10548		250		325	844	3026	18778	23.18	1.29
	010300 AG MECH AVERAGE	00	9 DAYS 179	20	980	1405		722	848	19		13900		922		2187	952	2820	24756	30.70	1.58
	010500 HORTICULTURE AVERAGE	00	7 DAYS 180	17	853	1181		509	522	17		11260		867		1625	764	2104	19701	24.34	1.49
	010600 AG RES AVERAGE	00	3 DAYS 177	19	761	1147		910	759	63		13166		1083		625	956	2174	21644	27.18	1.53
	010699 OTHER AG RES AVERAGE	00	2 DAYS 181	20	997	1900		448	753	22		14349		996		1750	804	2540	24556	30.23	1.56
	010700 FORESTRY AVERAGE	00	1 DAYS 180	15	902	0		653	130	0		9838		824		1250	833	1986	16416	20.27	1.35
	01XXXX AGRICULTURE AVERAGE	00	29 DAYS 179	18	890	1383		604	713	21		13168		866		1602	835	2399	22482	27.87	1.62
	040101 RADIO BROADCAS AVERAGE	00	1 DAYS 181	22	799	1330		530	539	45		13726		1233		2000	842	2285	23329	28.64	1.30
	040800 GENERAL MDSE AVERAGE	00	4 DAYS 180	18	785	1491		570	797	41		11255		1147		531	822	2398	19815	24.53	1.36

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS	VOC. TCHRS	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	041600 BETROLEUM AVERAGE	00	2 DAYS 179	12	479	853		477	433	37		11532		672		531	553	1368	16932	21.10	1.76
	041900 TRANSPORTATION AVERAGE	00	1 DAYS 176	12	521	979		664	572	48		13549		672		750	646	1489	19890	25.11	2.09
	04XXXX DISTRIBUTIVE AVERAGE	00	8 DAYS 179	16	677	1247		553	645	31		11920		980		742	735	2013	19543	24.26	1.54
	070101 DENTAL ASST AVERAGE	00	3 DAYS 180	22	1270	1594		502	986	17		9456		1352		1000	947	3139	20262	24.97	1.13
	070203 MED LAB ASST AVERAGE	00	2 DAYS 180	17	1129	1594		357	909	0		11983		1040		2250	737	2658	22655	27.97	1.73
	070303 NURSES AIDE AVERAGE	00	1 DAYS 180	24	1640	2317		518	1322	0		9104		1512		500	1073	3866	21852	26.98	1.12
	070998 DIVERSIFIED HE AVERAGE	00	2 DAYS 178	25	1363	1534		951	1257	50		9707		1457		1000	1210	3484	22010	27.48	1.12
	07XXXX HEALTH AVERAGE	00	8 DAYS 180	22	1304	1669		580	1076	19		10107		1320		1250	976	3196	21496	26.60	1.28
	090201 CHILD CARE AVERAGE	00	10 DAYS 179	18	826	1596		619	573	32		10760		1021		1250	830	2147	19655	24.39	1.42
	090202 FABRIC SVC AVERAGE	00	4 DAYS 179	13	712	1460		398	600	19		10267		776		1833	592	1802	18458	22.91	1.77
	090203 FOOD SVC AVERAGE	00	9 DAYS 179	18	827	1615		587	762	19		11436		856		2813	822	2450	22180	27.47	1.59

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											EXPENDITURES										
											INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	TOTAL APP NO	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC AREAS	SUPV NON-VOC	PRIN / DIR SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD TCHRS	VOC TCHRS	ACAD TEXTS & SUPP	VOC TEXTS & SUPP	ACAD LAB EQUIP	VOC SHOP LAB EQUIP	OTHER EXPEND	OPER AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090205	00	2																		
	COMM + HOME SV		DAYS																		
	AVERAGE		178	15	598	1306		670	587	49		11400		841		1750	751	1712	19662	24.64	1.65
	09XXXX	00	25																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		179	17	790	1558		576	647	47		10976		908		1946	783	2166	20376	25.28	1.56
	140100	00	9																		
	ACCOUNT + COMP		DAYS																		
	AVERAGE		179	16	673	1010		498	694	40		11466		1301		4063	702	2076	22502	27.88	1.87
	140200	00	10																		
	BUS DP SYS		DAYS																		
	AVERAGE		179	19	932	1261		662	660	30		10642		1456		6250	883	2362	25358	31.46	1.76
	140301	00	4																		
	DUPLICATING OP		DAYS																		
	AVERAGE		179	14	645	840		510	570	31		11364		1101		5000	659	1716	22435	27.94	2.00
	140302	00	3																		
	CLERICAL SVCS		DAYS																		
	AVERAGE		180	17	595	453		519	454	38		10200		953		2625	721	1700	18258	22.59	1.33
	140303	00	1																		
	OFF CLERK		DAYS																		
	AVERAGE		179	22	778	590		677	616	51		16522		1233		2625	992	2225	26309	32.66	1.48
	140399	00	2																		
	OFF MACHS		DAYS																		
	AVERAGE		180	18	1230	2624		389	991	0		9870		2527		3750	805	2899	25085	30.97	1.73
	140406	00	1																		
	MED REC CLERK		DAYS																		
	AVERAGE		180	16	1094	2333		346	881	0		11223		2246		5000	715	2577	26415	32.61	2.04
	140500	00	1																		
	MTRL SUPPORT		DAYS																		
	AVERAGE		181	17	617	454		410	416	35		13086		953		3750	650	1766	22137	27.18	1.60
	140600	00	2																		
	PERSONNEL TRNG		DAYS																		
	AVERAGE		181	17	618	454		410	417	35		11325		953		4063	651	1766	20690	25.40	1.51

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L I N E	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	EXPENDITURES INSTRUCTION ACAD TCHRS	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB EQUIP.	OTHER EXPEND.	OPER AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140700 STENO + SEC OC AVERAGE	00	18 DAYS 179	19	915	1367		594	731	24		10956		1634		2625	860	2479	22225	27.52	1.51
	140900 TYPING + REL AVERAGE	00	9 DAYS 179	18	758	847		702	633	31		11117		1201		3125	868	2263	21545	26.75	1.55
	14XXXX BUSINESS & OFF AVERAGE	00	60 DAYS 179	18	820	1146		579	674	26		11136		1419		3822	808	2253	22683	28.11	1.65
	170100 AIR COND + HEA AVERAGE	00	1 DAYS 181	25	908	655		602	612	31		13511		1401		1667	957	2597	22961	28.19	1.13
	170200 APPL REPAIR AVERAGE	00	4 DAYS 180	16	830	990		438	669	18		13235		1260		750	710	2089	20988	25.98	1.64
	170301 BODY + FENDER AVERAGE	00	13 DAYS 179	21	1040	1246		723	876	25		12306		1261		1389	994	2872	22733	28.18	1.37
	170302 MECHANICS AVERAGE	00	17 DAYS 180	22	1028	1290		735	949	24		12672		1196		1750	1016	3033	23693	29.32	1.37
	170401 AIRCRAFT MAINT AVERAGE	00	4 DAYS 180	14	940	1784		297	757	0		14390		1459		4167	615	2215	26624	32.87	2.40
	170600 BUS MACH MAINT AVERAGE	00	1 DAYS 181	20	727	524		482	490	41		13490		1121		750	765	2078	20458	25.13	1.26
	170700 COMM ART OCC AVERAGE	00	3 DAYS 180	21	1191	1553		482	920	17		13552		1535		583	900	2959	23693	29.20	1.41
	171001 CARPENTRY AVERAGE	00	9 DAYS 179	19	911	1018		658	633	31		11980		1266		938	889	2331	20654	25.65	1.42

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	171002 CONSTR ELECT AVERAGE	00	7 DAYS 18[illegible]	20	1038	1360		663	829	6		12974		1400		2273	959	2977	24481	30.20	1.50
	171004 MASONRY AVERAGE	00	3 DAYS 17[illegible]	15	609	430		598	545	45		12855		859		400	701	1741	18783	23.47	1.88
	171011 BLDG MAINT AVERAGE	00	4 DAYS 173	19	738	505		829	702	59		12244		1079		750	931	2111	19947	24.98	1.33
	171012 INDUST MAINT AVERAGE	00	1 DAYS 181	16	581	419		386	392	33		14446		896		1750	612	1662	21177	26.00	1.63
	171200 DIESEL MECH AVERAGE	00	4 DAYS 179	20	1068	1507		621	895	92		12857		1598		2188	912	2734	24410	30.26	1.53
	171300 DRAFTING OCC AVERAGE	00	9 DAYS 179	17	795	996		565	716	15		12668		919		750	782	2329	20536	25.43	1.57
	171501 COMM ELECT AVERAGE	00	7 DAYS 18[illegible]	16	947	1212		420	770	14		12520		1384		2500	717	2335	22821	28.23	1.81
	171502 INDUST ELECT AVERAGE	00	2 DAYS 179	24	827	560		794	665	56		12025		1345		2778	1061	2365	22474	27.90	1.17
	171900 GRAPHIC ART OC AVERAGE	00	3 DAYS 18[illegible]	16	882	1116		371	675	15		11777		1151		2833	683	2211	21715	26.76	1.75
	172000 CHEM LAB AVERAGE	00	1 DAYS 181	15	545	393		362	367	31		13533		840		0	574	1558	18203	22.35	1.49
	172302 MACH SHOP AVERAGE	00	15 DAYS 18[illegible]	17	764	1023		609	746	19		12601		1022		5000	807	2382	24971	30.92	1.87

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					EXPENDITURES INSTRUCTION																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	172305	00	1																		
	SHEET METAL		DAYS																		
	AVERAGE		181	15	545	393		362	367	31		13470		840		500	574	1558	18640	22.89	1.53
	172306	00	12																		
	WELDING + CUT		DAYS																		
	AVERAGE		18	18	805	1149		643	765	16		12494		1584		1364	856	2516	22193	27.46	1.56
	172602	00	20																		
	COSMETOLOGY		DAYS																		
	AVERAGE		18	18	958	1215		577	686	18		10851		924		683	887	2489	19289	23.86	1.37
	172802	00	1																		
	LAW ENF TRNG		DAYS																		
	AVERAGE		176	12	521	360		664	572	48		13515		672		0	646	1489	18487	23.34	1.95
	173000	00	2																		
	REFRIGERATION		DAYS																		
	AVERAGE		18	21	1402	2012		443	1130	0		12836		2054		1667	916	3302	25760	31.81	1.55
	17XXXX	00	144																		
	T & I ED		DAYS																		
	AVERAGE		18	19	911	1139		606	763	22		12422		1205		1791	866	2523	22247	27.54	1.55
	JOINT VOCATIONAL SCHOOL DISTRICTS																				
		00	274																		
			DAYS																		
	AVERAGE		179	18	882	1223		595	733	23		12005		1185		2183	842	2423	22096	27.37	1.57

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		TOTAL																			
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		00	366 DAYS																		
	AVERAGE		180	18	773	1088		569	694	94		12098		1390		2221	985	2230	22141	27.40	1.54

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		TOTAL								EXPENDITURES INSTRUCTION											
L I N E	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	[illegible]	17	18	19	20	21	22
	040800	01	6																		
	GENERAL MDSE		DAYS																		
	AVERAGE		180	21	463	1086		44	318	411		12755		3584		531	1019	1905	22115	32.77	1.59
	04XXXX	01	6																		
	DISTRIBUTIVE		DAYS																		
	AVERAGE		180	21	463	1086		44	318	411		12755		3584		531	1019	1905	22115	32.77	1.59
	140100	01	1																		
	ACCOUNT + COMP		DAYS																		
	AVERAGE		180	20	509	0		629	0	448		5430		508		4063	1016	1480	14083	20.86	1.04
	140200	01	1																		
	BUS DP SYS		DAYS																		
	AVERAGE		180	15	328	754		31	259	330		13443		2487		6250	722	1350	25954	38.45	2.56
	140303	01	3																		
	OFF CLERK		DAYS																		
	AVERAGE		180	17	379	251		348	86	343		11687		1297		2625	1068	1103	19187	28.43	1.68
	140700	01	6																		
	STENO ? SEC OC		DAYS																		
	AVERAGE		180	16	323	126		430	118	263		9471		798		2625	1018	1018	16189	24.01	1.46
	140900	01	1																		
	TYPING + REL		DAYS																		
	AVERAGE		180	12	306	0		378	0	269		6344		305		3125	610	888	12225	18.11	1.51
	14XXXX	01	12																		
	BUSINESS & OFF		DAYS																		
	AVERAGE		180	16	352	189		388	102	305		9759		998		3089	972	1094	17247	25.56	1.58
	170302	01	2																		
	MECHANICS		DAYS																		
	AVERAGE		181	20	611	0		615	301	369		11723		368		1750	1770	2365	19871	29.22	1.42
	170700	01	1																		
	COMM ART OCC		DAYS																		
	AVERAGE		182	15	600	0		413	0	461		13378		343		583	1450	2467	19695	28.86	1.92
	171900	01	1																		
	GRAPHIC ART OC		DAYS																		
	AVERAGE		182	16	641	0		440	0	491		16936		366		2833	1546	2631	25884	37.93	2.37

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		TOTAL								EXPENDITURES INSTRUCTION											
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	17XXXX	01	4																		
	T 6 I ED		DAYS																		
	AVERAGE		182	18	616	0		521	151	443		13440		361		1729	1634	2457	21330	31.31	1.78
	CITY SCHOOL DISTRICTS																				
		01	22																		
			DAYS																		
	AVERAGE		180	18	430	399		318	170	3-5		11245		1588		2144	1105	1563	19317	28.57	1.62

EXEMPTED VILLAGE SCHOOL DISTRICTS
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INSTRUCTION

LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140303 OFF CLERK AVERAGE	01	1 DAYS 176	16	190	0		520	0	310		7651		210		2625	1450	900	13856	20.99	1.31
	140700 STENO + SEC OC AVERAGE	01	3 DAYS 180	20	379	0		668	0	432		8942		596		2625	1170	1427	16239	24.08	1.25
	14XXXX BUSINESS & OFF AVERAGE	01	4 DAYS 179	19	332	0		631	0	402		8619		499		2625	1240	1295	15643	23.31	1.27
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
	AVERAGE	01	4 DAYS 179	19	332	0		631	0	402		8619		499		2625	1240	1295	15643	23.31	1.27

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140303 OFF CLERK AVERAGE	01	7 DAYS 178	17	404	0		554	0	469		8497		235		2625	1410	943	15136	22.71	1.40
	140700 STENO + SEC OC AVERAGE	01	147 DAYS 180	15	131	0		621	0	307		6097		393		2625	1236	1670	13081	19.40	1.28
	140900 TYPING + REL AVERAGE	01	3 DAYS 176	16	202	0		642	0	322		6275		2084		3125	1592	1359	15601	23.37	1.49
	14XXXX BUSINESS & OFF AVERAGE	01	157 DAYS 180	15	145	0		619	0	314		6207		418		2635	1251	1632	13221	19.62	1.29
	LOCAL SCHOOL DISTRICTS																				
	AVERAGE	01	157 DAYS 180	15	145	0		619	0	314		6207		418		2635	1251	1632	13221	19.62	1.29

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		TOTAL																			
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	171300	01	1																		
	DRAFTING OCC		DAYS																		
	AVERAGE		180	20	613	1446		613	1288	0		14434		576		750	781	2802	23303	34.32	1.73
	171501	01	1																		
	COMM ELECT		DAYS																		
	AVERAGE		180	24	735	1735		735	1546	0		15026		1511		2500	938	3363	28089	41.61	1.73
	17XXXX	01	2																		
	T & I ED		DAYS																		
	AVERAGE		180	22	674	1591		674	1417	0		14730		1044		1625	860	3083	25696	38.07	1.73
	JOINT VOCATIONAL SCHOOL DISTRICTS																				
		01	2																		
			DAYS																		
	AVERAGE		180	22	674	1591		674	1417	0		14730		1044		1625	860	3083	25696	38.07	1.73

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		TOTAL																			
LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	APP. NO. 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC. AREAS 7	SUPV. NON-VOC. 8	PRIN./ DIR. SCHOOL 9	VOC. COUN-SELORS 10	NON-VOC. COUN-SELORS 11	ACAD. TCHRS. 12	VOC. TCHRS. 13	ACAD. TEXTS & SUPP. 14	VOC. TEXTS & SUPP. 15	ACAD. LAB. EQUIP. 16	VOC. SHOP LAB. EQUIP. 17	OTHER EXPEND. 18	OPER AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		01	185 DAYS																		
	AVERAGE		180	16	189	65		584	36	318		6951		565		2565	1229	1632	14133	20.97	1.33

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	010500 HORTICULTURE AVERAGE	02	1 DAYS 180	16	280	0		27	221	246		8363		2124		1625	616	1152	14634	27.10	1.69
	01XXXX AGRICULTURE AVERAGE	02	1 DAYS 180	16	280	0		27	221	246		8363		2124		1625	616	1152	14634	27.10	1.69
	090203 FOOD SVC AVERAGE	02	2 DAYS 180	18	307	433		30	207	247		8340		2323		2813	674	1260	16633	30.81	1.79
	09XXXX HOME ECONOMICS AVERAGE	02	2 DAYS 180	18	307	433		30	207	247		8340		2323		2813	674	1260	16633	30.81	1.79
	140100 ACCOUNT ? COMP AVERAGE	02	3 DAYS 181	19	385	201		610	850	272		10396		1062		4063	1857	1750	21446	39.56	2.11
	140200 BUS DP SYS AVERAGE	02	2 DAYS 180	18	307	704		30	111	247		7931		2323		6250	674	1260	19835	36.73	2.10
	140303 OFF CLERK AVERAGE	02	13 DAYS 180	20	339	411		396	262	308		8766		1405		2625	1035	1322	16869	31.19	1.58
	140700 STENO + SEC OC AVERAGE	02	25 DAYS 180	19	340	389		291	177	269		7961		1452		2625	840	1233	15577	28.83	1.54
	140900 TYPING + REL AVERAGE	02	2 DAYS 180	19	241	0		462	0	356		6741		462		3125	189	812	12386	22.94	1.23
	14XXXX BUSINESS & OFF AVERAGE	02	45 DAYS 180	19	337	380		338	236	283		8300		1407		2904	927	1276	16389	30.31	1.60
	170700 COMM ART OCC AVERAGE	02	3 DAYS 181	21	462	169		580	106	553		8633		1589		583	1915	2083	16672	30.66	1.44

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					EXPENDITURES INSTRUCTION																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	171001	02	2																		
	CARPENTRY		DAYS																		
	AVERAGE		180	25	429	540		41	336	346		8761		3253		938	944	1764	17353	32.14	1.32
	171002	02	2																		
	CONSTR ELECT		DAYS																		
	AVERAGE		180	25	438	551		42	345	353		8833		3319		2273	963	1800	18917	35.03	1.40
	171300	02	4																		
	DRAFTING OCC		DAYS																		
	AVERAGE		180	21	380	379		236	490	293		9317		2230		750	1188	1619	16880	31.21	1.54
	171501	02	1																		
	COMM ELECT		DAYS																		
	AVERAGE		180	20	350	441		34	276	282		9788		2655		2500	770	1440	18536	34.33	1.72
	171900	02	2																		
	GRAPHIC ART OC		DAYS																		
	AVERAGE		180	23	403	507		39	318	325		8713		3054		2833	886	1656	18731	34.69	1.51
	172302	02	2																		
	MACH SHOP		DAYS																		
	AVERAGE		180	22	385	485		37	304	413		9420		2921		5000	847	1584	21395	39.62	1.82
	17XXXX	02	16																		
	T & I ED		DAYS																		
	AVERAGE		180	22	410	414		190	322	374		9025		2589		1834	1159	1736	18054	33.38	1.52
	CITY SCHOOL DISTRICTS																				
		02	64																		
			DAYS																		
	AVERAGE		180	20	353	384		287	256	304		8484		1742		2614	973	1388	16785	31.05	1.59

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140303 OFF CLERK AVERAGE	02	1 DAYS 175	22	209	0		572	0	341		5682		231		2625	1595	990	12245	23.19	1.05
	140700 STENO + SEC OC AVERAGE	02	2 DAYS 175	15	236	0		593	0	323		5810		135		2625	606	625	10951	20.86	1.47
	14XXXX BUSINESS & OFF AVERAGE	02	3 DAYS 175	17	227	0		586	0	329		5767		167		2625	935	747	11382	21.64	1.33
	EXEMPTED VILLAGE SCHOOL DISTRICTS AVERAGE	02	3 DAYS 175	17	227	0		586	0	329		5767		167		2625	935	747	11382	21.64	1.33

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140303	02	21																		
	OFF CLERK		DAYS																		
	AVERAGE		180	16	267	0		436	88	261		6195		107		2625	828	792	11598	21.53	1.36
	140700	02	21																		
	STENO + SEC OC		DAYS																		
	AVERAGE		180	21	323	57		518	165	338		7453		346		2625	1245	1053	14124	26.15	1.31
	140900	02	1																		
	TYPING + REL		DAYS																		
	AVERAGE		179	15	158	0		315	0	248		7573		109		3125	634	718	12880	23.99	1.60
	14XXXX	02	43																		
	BUSINESS & OFF		DAYS																		
	AVERAGE		180	18	292	28		474	124	299		6841		223		2637	1027	918	12862	23.84	1.34
	171300	02	1																		
	DRAFTING OCC		DAYS																		
	AVERAGE		179	16	169	0		336	C	205		11566		117		750	676	766	14645	27.27	1.70
	17XXXX	02	1																		
	T & I ED		DAYS																		
	AVERAGE		179	16	169	0		336	0	265		11566		117		750	676	766	14645	27.27	1.70
	LOCAL SCHOOL DISTRICTS																				
		02	44																		
			DAYS																		
	AVERAGE		180	18	289	27		470	121	298		6949		221		2594	1019	914	12902	23.92	1.35

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	070101 DENTAL ASST AVERAGE	02	2 DAYS 180	20	938	1378		396	629	0		5451		1063		1000	819	2088	13761	25.49	1.33
	070203 MED LAB ASST AVERAGE	02	2 DAYS 180	22	1058	1555		447	709	0		5113		4151		2250	924	2356	18562	34.38	1.57
	07XXXX HEALTH AVERAGE	02	4 DAYS 180	21	998	1466		421	669	0		5282		2607		1625	872	2222	16161	29.93	1.45
	090201 CHILD CARE AVERAGE	02	2 DAYS 180	23	1082	1590		457	726	0		6126		999		1250	945	2409	15583	28.86	1.29
	090203 FOOD SVC AVERAGE	02	2 DAYS 180	22	1058	1555		447	710	0		5563		2405		2813	924	2356	17829	33.02	1.51
	09XXXX HOME ECONOMICS AVERAGE	02	4 DAYS 180	22	1070	1572		452	718	0		5845		1702		2032	935	2382	16706	30.94	1.40
	140100 ACCOUNT + COMP AVERAGE	02	2 DAYS 180	18	441	1302		441	1159	0		9790		604		4063	563	2018	20379	37.74	2.11
	140200 BUS DP SYS AVERAGE	02	4 DAYS 180	17	805	1163		340	540	0		5873		1028		6250	704	1793	18515	34.29	2.09
	140700 STENO + SEC OC AVERAGE	02	5 DAYS 180	22	812	1542		479	1005	0		9326		1381		2625	804	2361	20336	37.66	1.75
	140900 TYPING + REL AVERAGE	02	2 DAYS 180	19	454	1338		454	1192	0		10610		550		3125	579	2074	20374	37.73	2.05
	14XXXX BUSINESS & OFF AVERAGE	02	13 DAYS 180	19	698	1363		426	914	0		8532		1025		4039	701	2089	19788	36.65	1.95

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	170100 AIR COND - HEA AVERAGE	02	2 DAYS 180	24	1130	1660		477	758	0		6295		973		1667	987	2516	16462	30.49	1.31
	170200 APPL REPAIR AVERAGE	02	2 DAYS 180	17	794	1166		335	532	0		6126		1110		750	693	1787	13272	24.58	1.57
	170301 BODY + FENDER AVERAGE	02	2 DAYS 180	18	842	1236		355	564	0		7083		2079		1389	735	1874	16156	29.92	1.79
	170302 MECHANICS AVERAGE	02	4 DAYS 180	20	962	1413		406	645	0		10272		1270		1750	840	2142	19700	36.48	1.99
	170401 AIRCRAFT MAINT AVERAGE	02	2 DAYS 180	17	793	1166		335	532	0		12421		1946		4167	693	1767	23819	44.11	2.69
	170600 BUS MACH MAINT AVERAGE	02	1 DAYS 180	25	1202	1766		507	806	0		10902		1218		750	1050	2677	20878	38.66	1.55
	170700 COMM ART OCC AVERAGE	02	2 DAYS 180	23	1082	1590		457	726	0		5552		661		583	945	2534	14129	26.17	1.17
	171002 CONSTR ELECT AVERAGE	02	2 DAYS 180	19	914	1343		386	613	0		12084		1457		2273	798	2035	21900	40.56	2.30
	171200 DIESEL MECH AVERAGE	02	2 DAYS 180	22	1058	1555		447	709	0		13913		1455		2188	924	2356	24603	45.56	2.08
	171300 DRAFTING OCC AVERAGE	02	2 DAYS 180	16	745	1095		315	500	0		6126		1031		750	651	1660	12872	23.84	1.57
	171301 COMM ELECT AVERAGE	02	2 DAYS 180	23	1106	1625		467	742	0		8060		508		2500	966	2443	18435	34.14	1.50

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	171900	02	2																		
	GRAPHIC ART OC		DAYS																		
	AVERAGE		180	16	745	1095		315	500	0		7082		1741		2833	651	1660	16621	30.78	2.02
	172302	02	2																		
	MACH SHOP		DAYS																		
	AVERAGE		180	19	914	1343		386	613	0		6126		2024		5000	798	2035	19237	35.63	1.97
	172306	02	2																		
	WELDING . CUTN		DAYS																		
	AVERAGE		180	17	793	1166		335	532	0		7448		3137		1364	693	1767	17234	31.92	1.94
	172310	02	1																		
	IRON WORKER		DAYS																		
	AVERAGE		180	12	577	848		244	387	0		10902		2408		0	504	1285	17155	31.77	2.65
	17XXXX	02	30																		
	T & I ED		DAYS																		
	AVERAGE		180	19	915	1345		386	614	0		8651		1498		1956	799	2046	18210	33.72	1.86
	JOINT VOCATIONAL SCHOOL DISTRICTS																				
		02	52																		
			DAYS																		
	AVERAGE		180	19	878	1377		404	703	0		8136		1481		2467	791	2097	18334	33.95	1.82

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DIVISION OF VOCATIONAL EDUCATION
RESEARCH, SURVEY, EVALUATION AND EXEMPLARY PROGRAMS
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SUMMARY OF SECONDARY VOCATIONAL EDUCATION
INSTRUCTIONAL PROGRAM COSTS

MAY 22, 1975 FY74

L I N E	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		02	162 DAYS																		
	AVERAGE		180	19	499	593		379	355	247		7907		1218		2562	927	1471	16118	29.85	1.59

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100	04	5																		
	AG PRODUCTION		DAYS																		
	AVERAGE		177	19	150	0		270	0	127		5510		231		1000	385	361	8033	30.30	1.61
	010101	04	3																		
	ANIMAL SCIENCE		DAYS																		
	AVERAGE		180	15	116	0		109	0	71		3902		15		1042	353	424	6032	22.34	1.55
	01XXXX	04	8																		
	AGRICULTURE		DAYS																		
	AVERAGE		178	16	137	0		210	0	106		4907		150		1016	373	384	7283	27.31	1.59
	CITY SCHOOL DISTRICTS																				
		04	8																		
			DAYS																		
	AVERAGE		178	18	137	0		210	0	106		4907		150		1016	373	384	7283	27.31	1.59

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	ENROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS	VOC. TCHRS	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100	04	3																		
	AG PRODUCTION		DAYS																		
	AVERAGE		176	17	224	0		117	0	82		6037		589		1000	512	298	8859	33.47	2.05
	010104	04	2																		
	FARM BUS MNGMT		DAYS																		
	AVERAGE		177	17	159	0		145	0	96		6244		388		833	599	340	8801	33.24	1.99
	01XXXX	04	5																		
	AGRICULTURE		DAYS																		
	AVERAGE		176	17	198	0		128	0	87		6119		509		933	547	315	8836	33.38	2.02
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
		04	5																		
			DAYS																		
	AVERAGE		176	17	198	0		128	0	87		6119		509		933	547	315	8836	33.38	2.02

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100	04	45																		
	AG PRODUCTION		DAYS																		
	AVERAGE		180	16	125	7		205	0	118		4776		105		1000	513	386	7234	26.82	1.76
	010104	04	21																		
	FARM BUS MNGMT		DAYS																		
	AVERAGE		180	15	125	9		193	0	106		4605		101		833	480	395	6847	25.39	1.75
	01XXXX	04	66																		
	AGRICULTURE		DAYS																		
	AVERAGE		180	15	125	7		201	0	114		4722		104		947	502	389	7111	26.36	1.76
	LOCAL SCHOOL DISTRICTS																				
		04	66																		
			DAYS																		
	AVERAGE		180	15	125	7		201	0	114		4722		104		947	502	389	7111	26.36	1.76

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL		EN-ROLL-MENT	EXPENDITURES																
											INSTRUCTION										
		PROG. TYPE	APP. NO.		ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		04	79																		
	AVERAGE		DAYS 179	16	131	6		198	0	112		4829		134		953	492	383	7238	26.90	1.76

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100	05	12																		
	AG PRODUCTION		DAYS																		
	AVERAGE		179	15	79	37		150	0	64		3384		83		750	199	246	5001	27.96	1.81
	010101	05	1																		
	ANIMAL SCIENCE		DAYS																		
	AVERAGE		180	18	98	0		275	0	27		1738		103		781	210	289	3521	19.56	1.09
	010104	05	7																		
	FARM BUS MNGMT		DAYS																		
	AVERAGE		178	12	57	45		114	0	56		3404		62		625	162	184	4709	26.45	2.15
	01XXXX	05	20																		
	AGRICULTURE		DAYS																		
	AVERAGE		179	14	72	38		150	0	60		3309		77		708	186	226	4825	27.01	1.89
	090107	05	4																		
	FOODS & NUTRIT		DAYS																		
	AVERAGE		180	17	91	0		256	0	25		4027		96		1750	196	269	6709	37.27	2.24
	09XXXX	05	4																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		180	17	91	0		256	0	25		4027		96		1750	196	269	6709	37.27	2.24
	CITY SCHOOL DISTRICTS																				
		05	24																		
			DAYS																		
	AVERAGE		179	15	75	31		167	0	54		3428		80		882	188	253	5139	28.72	1.95

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100 AG PRODUCTION AVERAGE	05	14 DAYS 177	15	61	0		116	0	72		3007		67		750	304	183	4559	25.76	1.79
	010104 FARM BUS MNGMT AVERAGE	05	2 DAYS 175	14	73	0		184	0	100		3117		43		625	188	194	4523	25.85	1.94
	01XXXX AGRICULTURE AVERAGE	05	16 DAYS 177	14	63	0		124	0	76		3020		64		734	290	184	4555	25.77	1.80
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
	AVERAGE	05	16 DAYS 177	14	63	0		124	0	76		3020		64		734	290	184	4555	25.77	1.80

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			TOTAL		EXPENDITURES						INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100 AG PRODUCTION AVERAGE	05	46 DAYS 179	14	77	27		131	0	74		3388		158		750	278	225	5109	28.52	2.09
	010104 FARM BUS MNGMT AVERAGE	05	22 DAYS 179	13	66	20		123	0	63		3607		154		625	238	221	5117	28.53	2.32
	010404 AVERAGE	05	1 DAYS 180	12	59	0		94	0	59		4580		49		0	245	214	5300	29.44	2.45
	010600 AG RES AVERAGE	05	4 DAYS 176	14	119	0		103	0	110		2822		119		313	219	210	4016	22.82	1.64
	01XXXX AGRICULTURE AVERAGE	05	73 DAYS 179	13	76	23		127	0	72		3439		153		678	262	223	5054	28.22	2.14
	090101 COMP HOMEMAKIN AVERAGE	05	3 DAYS 180	17	63	0		118	0	22		1771		7		2333	51	76	4440	24.67	1.52
	090107 FOODS & NUTRIT AVERAGE	05	2 DAYS 180	15	55	0		103	0	20		1771		6		1750	45	66	3814	21.19	1.55
	09XXXX HOME ECONOMICS AVERAGE	05	5 DAYS 180	16	59	0		112	0	21		1771		6		2100	48	72	4190	23.28	1.53
	LOCAL SCHOOL DISTRICTS AVERAGE	05	78 DAYS 179	14	75	21		126	0	69		3333		144		769	249	213	4998	27.90	2.10

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		05	118 DAYS																		
	AVERAGE		179	14	73	20		134	0	67		3310		120		787	242	213	4967	27.78	2.03

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		TOTAL																			
LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	APP. NO. 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC. AREAS 7	SUPV. NON-VOC. 8	PRIN./ DIR. SCHOOL 9	VOC. COUN-SELORS 10	NON-VOC. COUN-SELORS 11	ACAD. TCHRS. 12	VOC. TCHRS. 13	ACAD. TEXTS & SUPP. 14	VOC. TEXTS & SUPP. 15	ACAD. LAB EQUIP. 16	VOC. SHOP LAB. EQUIP. 17	OTHER EXPEND. 18	OPER. AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	010101	06	1																		
	ANIMAL SCIENCE		DAYS																		
	AVERAGE		180	14	68	0		110	0	69		2346		58		781	285	249	3966	22.03	1.57
	01XXXX	06	1																		
	AGRICULTURE		DAYS																		
	AVERAGE		180	14	68	0		110	0	69		2346		58		781	285	249	3966	22.03	1.57
	LOCAL SCHOOL DISTRICTS																				
		06	1																		
			DAYS																		
	AVERAGE		180	14	68	0		110	0	69		2346		58		781	285	249	3966	22.03	1.57

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		06	1																		
	AVERAGE		DAYS 18:	14	68	C		110	0	69		2346		58		781	285	249	3966	22.03	1.97

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LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	TOTAL APP. NO. 4	EN-ROLL-MENT 5	EXPENDITURES ADMIN-ISTRA-TION 6	SUPV. VOC. AREAS 7	SUPV. NON-VOC. 8	PRIN./ DIR. SCHOOL 9	VOC COUN-SELORS 10	NON-VOC. COUN-SELORS 11	INSTRUCTION ACAD. TCHRS. 12	VOC. TCHRS. 13	ACAD. TEXTS & SUPP. 14	VOC. TEXTS & SUPP. 15	ACAD. LAB. EQUIP. 16	VOC. SHOP LAB. EQUIP. 17	OTHER EXPEND. 18	OPER. AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	010200	07	1																		
	AG SUPPLIES		DAYS																		
	AVERAGE		180	15	61	0		172	0	17		2389		64		188	131	181	3203	23.73	1.58
	01XXXX	07	1																		
	AGRICULTURE		DAYS																		
	AVERAGE		180	15	61	0		172	0	17		2389		64		188	131	181	3203	23.73	1.58
	040800	07	16																		
	GENERAL MDSE		DAYS																		
	AVERAGE		180	29	131	15		160	66	106		2423		122		266	290	380	3959	29.35	1.08
	04XXXX	07	16																		
	DISTRIBUTIVE		DAYS																		
	AVERAGE		180	29	131	15		160	66	106		2423		122		266	290	380	3959	29.35	1.08
	CITY SCHOOL DISTRICTS																				
		07	17																		
			DAYS																		
	AVERAGE		180	28	127	14		161	62	101		2421		119		261	281	368	3914	29.02	1.10

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	APP NO	EN-ROLL-MENT	EXPENDITURES ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC. COUN-SELORS	INSTRUCTION ACAD TCHRS	VOC. TCHRS	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD LAB. EQUIP.	VOC SHOP LAB EQUIP.	OTHER EXPEND	OPER AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	040800	07	2																		
	GENERAL MDSE		DAYS																		
	AVERAGE		184	22	116	0		133	0	57		2281		126		266	494	487	3961	28.66	1.40
	04XXXX	07	2																		
	DISTRIBUTIVE		DAYS																		
	AVERAGE		184	22	118	0		133	0	57		2281		126		266	494	487	3961	28.66	1.40
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
		07	2																		
			DAYS																		
	AVERAGE		184	22	116	0		133	0	57		2281		126		266	494	407	3961	28.66	1.40

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		TOTAL							EXPENDITURES INSTRUCTION												
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC	PRIN / DIR SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD LAB. EQUIP.	VOC SHOP LAB EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	040800 GENERAL MDSE AVERAGE	07	11 DAYS 180	23	80	29		146	234	192		2902		210		266	349	269	4586	34.00	1.44
	04XXXX DISTRIBUTIVE AVERAGE	07	11 DAYS 180	23	80	29		146	234	192		2902		210		266	349	269	4586	34.00	1.44
	LOCAL SCHOOL DISTRICTS AVERAGE	07	11 DAYS 180	23	80	29		146	234	192		2902		210		266	349	269	4586	34.00	1.44

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		07	30 DAYS																		
	AVERAGE		180	26	109	19		153	121	98		2588		153		263	320	340	4164	30.82	1.25

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	08	4																		
	COMP HOMEMAKIN		DAYS																		
	AVERAGE		179	15	93	0		155	0	110		2872		105		3111	131	300	6875	25.58	1.85
	09XXXX	08	4																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		179	15	93	0		155	0	110		2872		105		3111	131	300	6875	25.58	1.85
	CITY SCHOOL DISTRICTS																				
		08	4																		
			DAYS																		
	AVERAGE		179	15	93	0		155	0	110		2872		105		3111	131	300	6875	25.58	1.85

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	TOTAL APP. NO.	ENROLLMENT	ADMINISTRATION	SUPV. VOC. AREAS	SUPV NON-VOC	PRIN./ DIR. SCHOOL	VOC COUNSELORS	NON-VOC COUNSELORS	ACAD TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	08	6																		
	COMP HOMEMAKIN		DAYS																		
	AVERAGE		177	17	152	0		303	1	141		3323		190		3111	562	549	8309	31.25	1.90
	090103	08	1																		
	CLOTHING & TEX		DAYS																		
	AVERAGE		180	12	88	0		200	0	94		2967		59		1000	330	321	5059	18.74	1.56
	09XXXX	08	9																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		178	16	144	0		291	0	118		3283		175		2876	536	523	7948	29.86	1.86
	LOCAL SCHOOL DISTRICTS																				
		08	9																		
			DAYS																		
	AVERAGE		178	16	144	0		291	0	118		3283		175		2876	536	523	7948	29.86	1.86

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INSTRUCTION

LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		08	13 DAYS																		
	AVERAGE		17[illegible]	16	128	0		249	0	145		3156		154		2949	411	455	7618	28.54	1.86

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	EXPENDITURES ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	09	229																		
	COMP HOMEMAKIN		DAYS																		
	AVERAGE		180	20	123	35		156	40	99		2821		316		2333	268	379	6569	36.49	1.96
	090102	09	17																		
	CHILD DEVELOP		DAYS																		
	AVERAGE		180	21	151	54		165	114	114		2576		504		447	320	468	4913	27.28	1.37
	090103	09	31																		
	CLOTHING & TEX		DAYS																		
	AVERAGE		179	20	120	98		106	145	73		2927		550		750	279	431	5478	30.51	1.53
	090104	09	4																		
	CONSUMER EDUC		DAYS																		
	AVERAGE		181	19	135	0		154	0	112		2545		218		275	295	401	4133	22.87	1.20
	090106	09	38																		
	FAMILY RELATIO		DAYS																		
	AVERAGE		180	22	140	81		126	112	98		2842		778		458	303	491	5428	30.14	1.40
	090107	09	43																		
	FOODS & NUTRIT		DAYS																		
	AVERAGE		180	21	128	80		145	143	91		2926		510		1750	295	444	6513	36.21	1.79
	090108	09	1																		
	HOME MNGMT		DAYS																		
	AVERAGE		181	19	111	0		238	0	165		4896		92		275	191	388	6356	35.12	1.85
	090109	09	7																		
	HOUSNG & HM FR		DAYS																		
	AVERAGE		181	21	177	34		215	113	116		2173		530		358	326	519	4562	25.25	1.25
	09XXXX	09	370																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		180	20	127	51		149	73	97		2823		416		1788	279	409	6213	34.52	1.80
	CITY SCHOOL DISTRICTS																				
		09	370																		
			DAYS																		
	AVERAGE		180	20	127	51		149	73	97		2823		416		1788	279	409	6213	34.52	1.80

EXEMPTED VILLAGE SCHOOL DISTRICTS
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101 COMP HOMEMAKIN AVERAGE	09	41 DAYS 178	20	119	0		138	0	83		2463		296		2333	365	284	6081	34.11	1.78
	090102 CHILD DEVELOP AVERAGE	09	1 DAYS 178	16	71	0		100	0	69		3476		87		447	334	175	4759	26.74	1.67
	090103 CLOTHING & TEX AVERAGE	09	7 DAYS 181	19	109	0		158	0	78		3037		62		750	231	317	4742	26.15	1.45
	090106 FAMILY RELATIC AVERAGE	09	7 DAYS 178	17	131	0		107	0	74		2592		444		458	292	258	4361	24.45	1.48
	090107 FOODS & NUTRIT AVERAGE	09	4 DAYS 178	23	92	0		185	0	104		2429		74		1750	455	331	5421	30.45	1.42
	09XXXX HOME ECONOMICS AVERAGE	09	60 DAYS 179	19	117	0		139	0	83		2560		268		1859	347	286	5658	31.69	1.67
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
	AVERAGE	09	60 DAYS 179	19	117	0		139	0	83		2560		268		1859	347	286	5658	31.69	1.67

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	09	310																		
	COMP HOMEMAKIN		DAYS																		
	AVERAGE		180	18	97	21		165	59	94		2559		165		2335	377	311	6181	34.42	2.01
	090102	09	15																		
	CHILD DEVELOP		DAYS																		
	AVERAGE		179	20	107	7		173	0	143		2836		105		447	358	321	4467	24.89	1.37
	090103	09	22																		
	CLOTHING & TEX		DAYS																		
	AVERAGE		180	15	84	17		132	20	95		2797		89		750	303	249	4536	25.19	1.69
	090104	09	8																		
	CONSUMER EDUC		DAYS																		
	AVERAGE		179	18	98	0		140	84	91		2549		162		275	318	260	3977	22.22	1.28
	090106	09	44																		
	FAMILY RELATIO		DAYS																		
	AVERAGE		180	21	115	20		183	55	143		2529		127		458	412	330	4342	24.14	1.22
	090107	09	30																		
	FOODS & NUTRIT		DAYS																		
	AVERAGE		181	18	88	23		163	13	126		2731		135		1750	370	299	5697	31.58	1.90
	090109	09	8																		
	HOUSNG & HM FR		DAYS																		
	AVERAGE		180	19	90	0		162	0	94		2545		107		358	306	252	3914	21.74	1.23
	09XXXX	09	437																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		180	18	98	19		165	51	99		2589		152		1886	374	307	5739	31.94	1.85
	LOCAL SCHOOL DISTRICTS																				
		09	437																		
			DAYS																		
	AVERAGE		180	18	98	19		165	51	99		2389		152		1886	374	307	5739	31.94	1.85

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	APP NO	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC AREAS	SUPV NON-VOC	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD TEXTS & SUPP.	VOC TEXTS & SUPP.	ACAD LAB. EQUIP.	VOC SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		09	567 DAYS																		
	AVERAGE		18:	19	112	31		156	56	97		2687		273		1842	331	349	5936	33.02	1.82

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			TOTAL							EXPENDITURES INSTRUCTION											
L I N E	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	APP NO	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	179998	10	1																		
	OCC LAB		DAYS																		
	AVERAGE		18.	12	243	0		626	0	309		12056		0		833	827	767	15721	19.41	1.62
	17XXXX	10	1																		
	T & I ED		DAYS																		
	AVERAGE		18.	12	243	0		626	0	309		12056		0		833	827	767	15721	19.41	1.62
	CITY SCHOOL DISTRICTS																				
		10	1																		
			DAYS																		
	AVERAGE		18	12	243	0		626	0	309		12056		0		833	827	767	15721	19.41	1.62

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100 AG PRODUCTION AVERAGE	10	1 DAYS 178	21	416	0		593	0	407		17124		172		1500	1973	1035	23220	28.99	1.38
	01XXXX AGRICULTURE AVERAGE	10	1 DAYS 178	21	416	0		593	0	407		17124		172		1500	1973	1035	23220	28.99	1.38
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
	AVERAGE	10	1 DAYS 178	21	416	0		593	0	407		17124		172		1500	1973	1035	23220	28.99	1.38

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			TOTAL		EXPENDITURES																
					INSTRUCTION																
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140302 CLERICAL SVCS AVERAGE	10	1 DAYS 180	23	381	1533		814	1418	680		10865		1030		2625	1722	1546	22614	27.92	1.21
	14XXXX BUSINESS & OFF AVERAGE	10	1 DAYS 180	23	381	1533		814	1418	680		10865		1030		2625	1722	1546	22614	27.92	1.21

LOCAL SCHOOL DISTRICTS

	AVERAGE	10	1 DAYS 180	23	381	1533		814	1418	680		10865		1030		2625	1722	1546	22614	27.92	1.21

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		TOTAL			EXPENDITURES INSTRUCTION																
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	APP NO	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC. AREAS	SUPV NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD TCHRS	VOC TCHRS.	ACAD TEXTS & SUPP.	VOC TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		10	3 DAYS																		
	AVERAGE		175	19	347	511		678	473	405		13348		401		1653	1507	1116	20518	25.44	1.40

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	140302	11	3																		
	CLERICAL SVCS		DAYS																		
	AVERAGE		180	19	409	871		39	299	343		11444		2876		2625	898	1680	21484	31.83	1.72
	14XXXX	11	3																		
	BUSINESS & OFF		DAYS																		
	AVERAGE		180	19	409	871		39	299	343		11444		2876		2625	898	1680	21484	31.83	1.72
	CITY SCHOOL DISTRICTS																				
		11	3																		
			DAYS																		
	AVERAGE		180	19	409	871		39	299	343		11444		2876		2625	898	1680	21484	31.83	1.72

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		11	3 DAYS																		
	AVERAGE		18.	19	409	871		39	299	343		11444		2876		2625	898	1680	21484	31.83	1.72

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101 COMP HOMEMAKI AVERAGE	12	61 DAYS 180	17	310	407		74	12	240		2557		2189		4667	693	1207	12356	22.88	1.36
	09XXXX HOME ECONOMICS AVERAGE	12	61 DAYS 180	17	310	407		74	12	240		2557		2189		4667	693	1207	12356	22.88	1.36
	140302 CLERICAL SVCS AVERAGE	12	1 DAYS 180	15	263	754		25	258	204		5872		3318		2625	578	1080	15037	27.85	1.86
	14XXXX BUSINESS & OFF AVERAGE	12	1 DAYS 180	15	263	754		25	258	204		5872		3318		2625	578	1080	15037	27.85	1.86
	171001 CARPENTRY AVERAGE	12	1 DAYS 180	14	245	309		24	193	198		7117		1859		938	539	1008	12430	23.02	1.64
	17XXXX T & I ED AVERAGE	12	1 DAYS 180	14	245	309		24	193	198		7117		1859		938	539	1008	12430	23.02	1.64
	CITY SCHOOL DISTRICTS AVERAGE	12	63 DAYS 180	17	308	411		72	19	240		2682		2202		4575	688	1202	12400	22.96	1.37

STATE OF OHIO
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SUMMARY OF SECONDARY VOCATIONAL EDUCATION
INSTRUCTIONAL PROGRAM COSTS

MAY 22, 1975 FY74

EXPENDITURES
INSTRUCTION

LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	TOTAL APP NO	ENROLLMENT	ADMINISTRATION	SUPV VOC AREAS	SUPV NON-VOC	PRIN/ DIR SCHOOL	VOC COUNSELORS	NON-VOC COUNSELORS	ACAD TCHRS	VOC TCHRS	ACAD TEXTS & SUPP	VOC TEXTS & SUPP	ACAD LAB EQUIP	VOC SHOP LAB EQUIP	OTHER EXPEND	OPER AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	12	1																		
	COMP HOMEMAKI		DAYS																		
	AVERAGE		1[illegible]	2[illegible]	256	0		471	0	242		8006		411		4667	740	1098	15871	29.39	1.47
	09XXXX	12	1																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		15[illegible]	2[illegible]	256	0		471	0	242		8006		411		4667	740	1098	15871	29.39	1.47
	LOCAL SCHOOL DISTRICTS																				
		12	1																		
			DAYS																		
	AVERAGE		1[illegible]	2[illegible]	256	0		471	0	242		8006		411		4667	740	1098	15871	29.39	1.47

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MAY 22, 1975 FY74

EXPENDITURES
INSTRUCTION

LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	TOTAL PROG TYPE 3	TOTAL APP NO. 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV VOC. AREAS 7	SUPV. NON-VOC. 8	PRIN / DIR. SCHOOL 9	VOC COUN-SELORS 10	NON-VOC COUN-SELORS 11	ACAD. TCHRS. 12	VOC. TCHRS. 13	ACAD. TEXTS & SUPP. 14	VOC. TEXTS & SUPP. 15	ACAD. LAB. EQUIP. 16	VOC. SHOP LAB EQUIP. 17	OTHER EXPEND. 18	OPER AND MAINT 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		12	34 DAYS																		
	AVERAGE	15		17	307	404		79	18	240		2766		2174		4577	689	1201	12484	23.06	1.37

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EXPENDITURES
INSTRUCTION

LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	TOTAL APP. NO. 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC AREAS 7	SUPV NON-VOC. 8	PRIN./ DIR. SCHOOL 9	VOC. COUN-SELORS 10	NON-VOC COUN-SELORS 11	ACAD. TCHRS. 12	VOC. TCHRS. 13	ACAD. TEXTS & SUPP. 14	VOC TEXTS & SUPP. 15	ACAD. LAB. EQUIP. 16	VOC. SHOP LAB. EQUIP. 17	OTHER EXPEND. 18	OPER. AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	171001	13	3																		
	CARPENTRY		DAYS																		
	AVERAGE		18[illegible]	22	253	319		24	77	134		6234		1918		625	556	1040	11199	31.11	1.48
	17XXXX	13	3																		
	T & I ED		DAYS																		
	AVERAGE		16[illegible]	22	253	319		24	77	134		6234		1918		625	556	1040	11199	31.11	1.48
	CITY SCHOOL DISTRICTS																				
		13	3																		
			DAYS																		
	AVERAGE		18[illegible]	22	253	319		24	77	134		6234		1918		625	556	1040	11199	31.11	1.48

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		13	3																		
	AVERAGE		DAYS 180	22	253	319		24	77	134		6234		1918		625	556	1040	11199	31.11	1.48

CITY SCHOOL DISTRICTS
VE - 31

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC.	PRIN / DIR SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	19	1																		
	COMP HOMEMAKIN		DAYS																		
	AVERAGE		180	14	89	0		179	693	0		2526		385		2333	290	306	6801	37.78	2.70
	09XXXX	19	1																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		180	14	89	0		179	693	0		2526		385		2333	290	306	6801	37.78	2.70
	CITY SCHOOL DISTRICTS																				
		19	1																		
			DAYS																		
	AVERAGE		180	14	89	0		179	693	0		2526		385		2333	290	306	6801	37.78	2.70

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L I N E	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		19	1																		
	AVERAGE		DAYS 18[illegible]	14	89	0		179	693	0		2526		385		2333	290	506	6801	37.78	2.70

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			TOTAL							EXPENDITURES INSTRUCTION											
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	090101	1K	1																		
	COMP HOMEMAKIN		DAYS																		
	AVERAGE		180	11	64	91		6	0	17		1957		487		2333	141	264	5360	29.78	2.71
	09XXXX	1K	1																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		180	11	64	91		6	0	17		1957		487		2333	141	264	5360	29.78	2.71
	CITY SCHOOL DISTRICTS																				
		1K	1																		
			DAYS																		
	AVERAGE		180	11	64	91		6	0	17		1957		487		2333	141	264	5360	29.78	2.71

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN / DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		1K	1																		
			DAYS																		
	AVERAGE		180	11	64	91		6	C	17		1957		487		2333	161	264	5380	20.78	2.71

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	TOTAL APP NO	ENROLLMENT	ADMINISTRATION	SUPV VOC AREAS	SUPV NON-VOC	PRIN / DIR SCHOOL	VOC COUNSELORS	NON-VOC COUNSELORS	EXPENDITURES INSTRUCTION ACAD TCHRS	VOC TCHRS.	ACAD. TEXTS & SUPP	VOC TEXTS & SUPP	ACAD. LAB. EQUIP	VOC. SHOP LAB EQUIP.	OTHER EXPEND	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	040800	20	6																		
	GENERAL MDSE		DAYS																		
	AVERAGE		18	23	707	10.1		437	272	744		14455		3659		266	1288	2595	25404	31.30	1.38
	04MULT	20	6																		
			DAYS																		
	AVERAGE		17	18	442	0		750	0	470		13350		147		266	1203	1257	17885	22.20	1.26
	04XXXX	20	14																		
	DISTRIBUTIVE		DAYS																		
	AVERAGE		18	21	593	572		571	155	615		13982		2154		266	1252	2022	22182	27.40	1.33
	090201	20	1																		
	CHILD CARE		DAYS																		
	AVERAGE		18	21	551	7[illegible]0		53	435	74		15474		4186		625	1213	2268	25659	31.68	1.81
	09MULT	20	5																		
			DAYS																		
	AVERAGE		18	20	543	290		653	434	465		11629		1858		30	1903	2061	19866	24.49	1.23
	09XXXX	20	6																		
	HOME ECONOMICS		DAYS																		
	AVERAGE		18	21	544	371		553	434	490		12270		2246		129	1788	2096	20832	25.69	1.28
	140303	20	1																		
	OFF CLERK		DAYS																		
	AVERAGE		181	21	653	0		1321	1144	443		10591		874		1313	3658	3056	23053	28.30	1.35
	140700	20	2																		
	STENO + SEC OC		DAYS																		
	AVERAGE		18	18	461	0		639	0	455		10986		185		1313	1128	1148	16313	20.14	1.18
	140900	20	1																		
	TYPING + REL		DAYS																		
	AVERAGE		183	25	1455	0		2054	0	1289		8944		1072		1563	1855	4136	22368	27.16	1.09
	14MULT	20	16																		
			DAYS																		
	AVERAGE		179	18	467	57		736	62	498		13027		287		1031	1147	1455	18707	23.16	1.32
	14XXXX	20	20																		
	BUSINESS 6 OFF		DAYS																		
	AVERAGE		18	18	525	45		823	107	482		12497		345		1100	1306	1638	18868	23.32	1.30

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
CITY SCHOOL DISTRICTS																					
		20	40 DAYS																		
	AVERAGE		180	19	552	279		694	173	516		12982		1263		652	1359	1841	20322	25.10	1.31

EXEMPTED VILLAGE SCHOOL DISTRICTS
VE - 31

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	EXPENDITURES INSTRUCTION ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200 AG SUPPLIES AVERAGE	20	1 DAYS 178	16	317	0		451	0	310		13295		392		188	1503	788	17244	21.53	1.35
	01XXXX AGRICULTURE AVERAGE	20	1 DAYS 178	16	317	0		451	0	310		13295		392		188	1503	788	17244	21.53	1.35
	04MULT AVERAGE	20	1 DAYS 178	24	476	0		677	0	465		11897		589		266	2255	1183	17808	22.23	.93
	04XXXX DISTRIBUTIVE AVERAGE	20	1 DAYS 178	24	476	0		677	0	465		11897		589		266	2255	1183	17808	22.23	.93
	09MULT AVERAGE	20	1 DAYS 182	13	342	0		500	0	216		10303		180		30	680	975	13226	16.15	1.24
	09XXXX HOME ECONOMICS AVERAGE	20	1 DAYS 182	13	342	0		500	0	216		10303		180		30	680	975	13226	16.15	1.24
	14MULT AVERAGE	20	1 DAYS 178	16	317	0		452	0	310		11181		392		1031	1503	788	15974	19.94	1.25
	14XXXX BUSINESS & OFF AVERAGE	20	1 DAYS 178	16	317	0		452	0	310		11181		392		1031	1503	788	15974	19.94	1.25
	EXEMPTED VILLAGE SCHOOL DISTRICTS AVERAGE	20	4 DAYS 179	17	363	0		520	0	325		11669		388		379	1485	934	16063	19.96	1.19

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LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG TYPE 3	TOTAL APP NO. 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC AREAS 7	SUPV. NON-VOC 8	PRIN./ DIR SCHOOL 9	VOC COUN-SELORS 10	NON-VOC. COUN-SELORS 11	EXPENDITURES INSTRUCTION ACAD TCHRS 12	VOC. TCHRS 13	ACAD. TEXTS & SUPP. 14	VOC. TEXTS & SUPP. 15	ACAD LAB. EQUIP. 16	VOC. SHOP LAB. EQUIP. 17	OTHER EXPEND 18	OPER. AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	040800 GENERAL MDSE AVERAGE	20	1 DAYS 181	15	511	0		615	0	387		11734		164		266	740	1194	15611	19.17	1.28
	04MULT AVERAGE	20	7 DAYS 180	23	483	0		969	289	717		12871		222		266	2612	1858	20287	25.10	1.13
	04XXXX DISTRIBUTIVE AVERAGE	20	8 DAYS 180	22	486	0		925	253	676		12729		215		266	2378	1775	19702	24.36	1.15
	070998 DIVERSIFIED HE AVERAGE	20	2 DAYS 180	23	381	1533		814	1419	680		13634		380		0	1722	1546	22107	27.29	1.20
	07XXXX HEALTH AVERAGE	20	2 DAYS 180	23	381	1533		814	1419	680		13634		380		0	1722	1546	22107	27.29	1.20
	090201 AVERAGE	20	1 DAYS 180	16	360	0		612	0	216		8349		240		625	1080	1320	12802	15.80	.99
	09MULT AVERAGE	20	4 DAYS 181	25	463	0		1027	0	699		11877		242		30	2477	1534	18348	22.59	.96
	09XXXX HOME ECONOMICS AVERAGE	20	5 DAYS 180	23	442	0		944	0	602		11171		242		149	2198	1491	17239	21.23	.97
	140303 OFF CLERK AVERAGE	20	2 DAYS 178	16	423	0		679	0	599		10426		257		1313	1898	1043	16636	20.75	1.34
	14MULT AVERAGE	20	11 DAYS 180	17	416	129		684	149	486		13123		207		1031	1438	1232	18895	23.28	1.36
	14XXXX BUSINESS & OFF AVERAGE	20	13 DAYS 180	17	417	109		683	126	503		12708		215		1074	1509	1203	18547	22.89	1.36

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LOCAL SCHOOL DISTRICTS																					
		20	28 DAYS																		
	AVERAGE	180		20	439	160		808	232	583		12506		231		601	1895	1443	18898	23.33	1.22

JOINT VOCATIONAL SCHOOL DISTRICTS
VE-31

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS	VOC. TCHRS	ACAD. TEXTS & SUPP.	VOC TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC SHOP LAB. EQUIP.	OTHER EXPEND	OPER AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200 AG SUPPLIES AVERAGE	20	4 DAYS 179	16	825	1136		628	710	15		13109		662		188	803	2356	20431	25.35	1.59
	010699 OTHER AG RES AVERAGE	20	1 DAYS 180	15	1025	2224		324	826	0		15679		679		875	671	2416	24719	30.52	2.03
	01XXXX AGRICULTURE AVERAGE	20	5 DAYS 179	16	865	1353		567	733	12		13623		665		325	776	2368	21288	26.38	1.68
	040800 GENERAL MDSE AVERAGE	20	2 DAYS 179	21	809	1429		775	710	39		13936		1149		266	925	2311	22368	27.89	1.40
	04MULT AVERAGE	20	6 DAYS 180	22	1012	1804		749	694	47		12107		1230		266	1038	3029	22146	27.39	1.24
	04XXXX DISTRIBUTIVE AVERAGE	20	8 DAYS 179	22	961	1710		755	848	27		12564		1210		266	1010	2850	22201	27.51	1.28
	070303 NURSES AIDE AVERAGE	20	1 DAYS 180	14	957	1351		302	771	0		11543		882		250	626	2255	18937	23.38	1.67
	07MULT AVERAGE	20	1 DAYS 180	16	1094	1544		346	881	0		11935		1008		[illegible]	715	2577	20134	24.86	1.55
	07XXXX HEALTH AVERAGE	20	2 DAYS 180	15	1026	1448		324	826	0		11739		945		142	671	2416	19536	24.12	1.61
	140303 OFF CLERK AVERAGE	20	2 DAYS 180	19	643	491		565	484	41		10649		1036		1313	761	1839	17819	22.01	1.20
	14MULT AVERAGE	20	8 DAYS 180	19	830	1060		633	679	29		12689		1208		1031	866	2362	21387	26.49	1.41

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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	14XXXX	20	10																		
	BUSINESS & OFF		DAYS																		
	AVERAGE		180	19	792	946		620	640	31		12281		1174		1087	845	2257	20673	25.39	1.36
	17MULT	20	1																		
			DAYS																		
	AVERAGE		179	21	743	507		646	588	49		14242		1177		34	947	2124	21057	26.14	1.24
	17XXXX	20	1																		
	T & I ED		DAYS																		
	AVERAGE		179	21	743	507		646	588	49		14242		1177		34	947	2124	21057	26.14	1.24
	JOINT VOCATIONAL SCHOOL DISTRICTS																				
		20	26																		
			DAYS																		
	AVERAGE		179	19	874	1281		630	734	24		12660		1070		575	873	2468	21189	26.24	1.41

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL		EN-ROLL-MENT	EXPENDITURES																
					INSTRUCTION																
		PROG. TYPE	APP. NO.		ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV NON-VOC	PRIN / DIR. SCHOOL	VOC COUN-SELORS	NON-VOC. COUN-SELORS	ACAD TCHRS.	VOC TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD LAB. EQUIP.	VOC SHOP LAB EQUIP.	OTHER EXPEND	OPER AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		20	98 DAYS																		
	AVERAGE		180	19	597	499		703	332	397		12707		881		610	1388	1856	19971	24.69	1.30

CITY SCHOOL DISTRICTS
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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	TOTAL APP. NO	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC AREAS	SUPV NON-VOC	PRIN / DIR SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	EXPENDITURES INSTRUCTION ACAD TCHRS	VOC TCHRS	ACAD TEXTS & SUPP	VOC TEXTS & SUPP	ACAD LAB EQUIP	VOC SHOP LAB EQUIP	OTHER EXPEND	OPER. AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	01MULT AVERAGE	21	1 DAYS 180	17	346	0		974	0	96		11946		366		625	743	1024	16120	23.88	1.40
	01XXXX AGRICULTURE AVERAGE	21	1 DAYS 180	17	346	0		974	0	96		11946		366		625	743	1024	16120	23.88	1.40
	040800 GENERAL MDSE AVERAGE	21	1 DAYS 180	30	938	0		867	0	299		11213		256		266	2593	1571	18003	26.67	.89
	04MULT AVERAGE	21	15 DAYS 180	21	488	85		660	43	454		11075		243		266	1027	1391	15731	23.33	1.12
	04XXXX DISTRIBUTIVE AVERAGE	21	16 DAYS 180	22	516	79		673	40	445		11084		244		266	1125	1402	15873	23.54	1.11
	090201 CHILD CARE AVERAGE	21	2 DAYS 180	25	547	1015		53	216	551		9932		2766		625	1203	2250	19156	28.38	1.14
	09XXXX HOME ECONOMICS AVERAGE	21	2 DAYS 180	25	547	1015		53	216	551		9932		2766		625	1203	2250	19156	28.38	1.14
	CITY SCHOOL DISTRICTS AVERAGE	21	19 DAYS 180	22	510	174		624	56	438		11008		516		323	1113	1471	16232	24.07	1.13

EXEMPTED VILLAGE SCHOOL DISTRICTS
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		TOTAL									EXPENDITURES INSTRUCTION										
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	04MULT	21	2																		
			DAYS																		
	AVERAGE		184	15	393	0		467	0	199		11148		417		266	1475	1521	15885	23.02	1.54
	04XXXX	21	2																		
	DISTRIBUTIVE		DAYS																		
	AVERAGE		184	15	393	0		467	0	199		11148		417		266	1475	1521	15885	23.02	1.54
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
		21	2																		
			DAYS																		
	AVERAGE		184	15	393	0		467	0	199		11148		417		266	1475	1521	15885	23.02	1.54

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LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	TOTAL APP. NO 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC. AREAS 7	SUPV. NON-VOC. 8	PRIN / DIR. SCHOOL 9	VOC COUN-SELORS 10	NON-VOC COUN-SELORS 11	EXPENDITURES INSTRUCTION ACAD TCHRS 12	VOC TCHRS 13	ACAD. TEXTS & SUPP. 14	VOC TEXTS & SUPP. 15	ACAD LAB EQUIP. 16	VOC SHOP LAB EQUIP. 17	OTHER EXPEND 18	OPER. AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	040800 GENERAL MDSE AVERAGE	21	1 DAYS 180	20	276	1110		589	1233	493		12915		530		266	1248	1120	19780	29.30	1.47
	04MULT AVERAGE	21	10 DAYS 180	22	387	0		715	79	488		8202		181		266	1590	1263	13170	19.55	.95
	04XXXX DISTRIBUTIVE AVERAGE	21	11 DAYS 180	22	377	101		703	184	488		8631		212		266	1559	1250	13771	20.44	1.00
	14MULT AVERAGE	21	1 DAYS 180	23	486	0		951	0	502		9443		436		1031	2890	1879	17618	26.10	1.13
	14XXXX BUSINESS & OFF AVERAGE	21	1 DAYS 180	23	486	0		951	0	502		9443		436		1031	2890	1879	17618	26.10	1.13
	LOCAL SCHOOL DISTRICTS AVERAGE	21	12 DAYS 180	22	386	93		724	168	489		8695		231		330	1670	1302	14091	20.91	1.01

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										EXPENDITURES INSTRUCTION											
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	TOTAL APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		21	33 DAYS																		
	AVERAGE		16.	22	458	134		651	94	442		10176		406		322	1337	1413	15432	22.86	1.11

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200	22	3																		
	AG SUPPLIES		DAYS																		
	AVERAGE		180	12	223	0		270	0	148		10612		65		188	353	423	12282	22.75	2.02
	01XXXX	22	3																		
	AGRICULTURE		DAYS																		
	AVERAGE		180	12	223	0		270	0	148		10612		65		188	353	423	12282	22.75	2.02
	CITY SCHOOL DISTRICTS																				
		22	3																		
			DAYS																		
	AVERAGE		180	12	223	0		270	0	148		10612		65		188	353	423	12282	22.75	2.02

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200 AG SUPPLIES AVERAGE	22	2 DAYS 176	12	143	0		374	0	212		11314		115		188	681	508	13534	25.70	2.25
	01XXXX AGRICULTURE AVERAGE	22	2 DAYS 176	12	143	0		374	0	212		11314		115		188	681	508	13534	25.70	2.25
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
	AVERAGE	22	2 DAYS 176	12	143	0		374	0	212		11314		115		188	681	508	13534	25.70	2.25

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200 AG SUPPLIES AVERAGE	22	2 DAYS 180	12	191	0		330	0	185		9383		57		188	658	619	11609	21.50	1.79
	01XXXX AGRICULTURE AVERAGE	22	2 DAYS 180	12	191	0		330	0	185		9383		57		188	658	619	11609	21.50	1.79
	LOCAL SCHOOL DISTRICTS																				
	AVERAGE	22	2 DAYS 180	12	191	0		330	0	185		9383		57		188	658	619	11609	21.50	1.79

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		22	7 DAYS																		
	AVERAGE		179	[illegible]	191	0		316	0	177		10461		77		188	[illegible]	503	12448	23.23	2.02

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200 AG SUPPLIES AVERAGE	24	2 DAYS 180	8	55	0		87	0	63		3974		75		188	276	187	4904	18.17	2.27
	01XXXX AGRICULTURE AVERAGE	24	2 DAYS 180	8	55	0		87	0	63		3974		75		188	276	187	4904	18.17	2.27
	LOCAL SCHOOL DISTRICTS AVERAGE	24	2 DAYS 180	8	55	0		87	0	63		3974		75		188	276	187	4904	18.17	2.27

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN / DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC SHOP LAB EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		24	2																		
			DAYS																		
	AVERAGE		180	8	55	0		87	0	93		3974		75		188	276	187	4904	18.17	2.27

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		TOTAL								EXPENDITURES INSTRUCTION											
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	070998 DIVERSIFIED HE AVERAGE	2A	1 DAYS 180	17	446	0		43	391	0		14400		3761		0	982	1036	21859	26.99	1.59
	07MULT AVERAGE	2A	4 DAYS 181	20	595	0		675	0	657		14475		210		34	1592	2080	20316	24.95	1.26
	07XXXX HEALTH AVERAGE	2A	5 DAYS 181	20	565	0		549	78	525		14460		920		27	1470	2031	20625	25.36	1.33
	17MULT AVERAGE	2A	2 DAYS 182	23	1001	0		1756	0	738		10751		816		34	1489	2875	19458	23.81	1.04
	17XXXX T & I ED AVERAGE	2A	2 DAYS 182	23	1001	0		1756	0	738		10751		816		34	1489	2875	19458	23.81	1.04
	CITY SCHOOL DISTRICTS																				
	AVERAGE	2A	7 DAYS 181	21	690	0		893	56	586		13400		890		29	1475	2272	20291	24.91	1.24

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	17MULT	2A	1																		
			DAYS																		
	AVERAGE		176	18	257	0		702	0	419		14004		283		34	1958	1215	18872	23.83	1.32
	17XXXX	2A	1																		
	T & I ED		DAYS																		
	AVERAGE		176	18	257	0		702	0	419		14004		283		34	1958	1215	18872	23.83	1.32
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
		2A	1																		
			DAYS																		
	AVERAGE		176	18	257	0		702	0	419		14004		283		34	1958	1215	18872	23.83	1.32

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			TOTAL						EXPENDITURES INSTRUCTION												
LINE 1	TAXONOMY CODE/ NAME TEACHER NAME 2	PROG. TYPE 3	APP. NO. 4	EN-ROLL-MENT 5	ADMIN-ISTRA-TION 6	SUPV. VOC AREAS 7	SUPV. NON-VOC 8	PRIN./ DIR. SCHOOL 9	VOC COUN-SELORS 10	NON-VOC COUN-SELORS 11	ACAD. TCHRS 12	VOC TCHRS 13	ACAD TEXTS & SUPP. 14	VOC. TEXTS & SUPP. 15	ACAD. LAB. EQUIP. 16	VOC. SHOP LAB EQUIP. 17	OTHER EXPEND 18	OPER. AND MAINT. 19	TOTAL COST 20	INDEX X 21	INDEX Y 22
	07MULT AVERAGE	2A	4 DAYS 179	23	442	0		787	139	501		14248		194		34	2195	1515	20115	24.96	1.16
	07XXXX HEALTH AVERAGE	2A	4 DAYS 179	23	442	0		787	139	501		14248		194		34	2195	1515	20115	24.96	1.16
	17MULT AVERAGE	2A	3 DAYS 179	23	464	0		1260	349	505		14858		489		34	1954	2178	22141	27.41	1.22
	17XXXX T & I ED AVERAGE	2A	3 DAYS 179	23	464	0		1260	349	505		14658		489		34	1954	2178	22141	27.41	1.22
	LOCAL SCHOOL DISTRICTS AVERAGE	2A	7 DAYS 179	23	451	0		990	229	508		14510		321		34	2092	1799	20983	26.01	1.18

JOINT VOCATIONAL SCHOOL DISTRICTS
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			TOTAL							EXPENDITURES INSTRUCTION											
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	C70998 DIVERSIFIED HE AVERAGE	2A	1 DAYS 181	20	727	524		482	490	41		11917		1120		0	765	2078	18144	22.28	1.11
	07MULT AVERAGE	2A	2 DAYS 180	21	976	1311		819	791	0		13948		622		34	1043	3107	22650	27.96	1.36
	07XXXX HEALTH AVERAGE	2A	3 DAYS 180	20	893	1048		704	691	14		13271		788		23	950	2764	21148	26.07	1.28
	17MULT AVERAGE	2A	1 DAYS 180	25	919	1808		919	1610	0		14681		156		34	1172	4203	25502	31.48	1.26
	17XXXX T & I ED AVERAGE	2A	1 DAYS 180	25	919	1808		919	1610	0		14681		156		34	1172	4203	25502	31.48	1.26
	JOINT VOCATIONAL SCHOOL DISTRICTS AVERAGE	2A	4 DAYS 180	22	900	1238		760	921	10		13624		630		26	1006	3124	22237	27.42	1.27

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ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		2A	19 DAYS																		
	AVERAGE		180	21	623	261		891	299	446		13888		594		30	1629	2221	20881	25.79	1.23

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	179999 OCC WORK EXPER AVERAGE	30	50 DAYS 180	22	615	232		806	246	547		15546		1339		34	1520	2027	22913	28.32	1.32
	17XXXX T & I ED AVERAGE	30	50 DAYS 180	22	615	232		806	246	547		15546		1339		34	1520	2027	22913	28.32	1.32
	CITY SCHOOL DISTRICTS AVERAGE	30	50 DAYS 180	22	615	232		806	246	547		15546		1339		34	1520	2027	22913	28.32	1.32

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV VOC AREAS	SUPV. NON-VOC.	PRIN./ DIR SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010100 AG PRODUCTION AVERAGE	30	1 DAYS 178	25	496	0		705	0	485		13069		613		750	2348	1232	19698	24.59	.98
	01XXXX AGRICULTURE AVERAGE	30	1 DAYS 178	25	496	0		705	0	485		13069		613		750	2348	1232	19698	24.59	.98
	179999 OCC WORK EXPER AVERAGE	30	2 DAYS 179	25	494	0		950	0	490		15164		363		34	1988	1744	21226	26.36	1.08
	17XXXX T & I ED AVERAGE	30	2 DAYS 179	25	494	0		950	0	490		15164		363		34	1988	1744	21226	26.36	1.08
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
	AVERAGE	30	3 DAYS 179	25	494	0		868	0	458		14466		446		273	2108	1573	20716	35.77	1.04

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	010200 AG SUPPLIES AVERAGE	30	1 DAYS 177	18	659	0		1322	0	245		12790		92		188	925	1366	17587	22.08	1.23
	01XXXX AGRICULTURE AVERAGE	30	1 DAYS 177	18	659	0		1322	0	245		12790		92		188	925	1366	17587	22.08	1.23
	179999 OCC WORK EXPER AVERAGE	30	40 DAYS 180	21	498	146		875	217	571		14434		454		34	2315	1718	21262	26.27	1.26
	17XXXX T & I ED AVERAGE	30	40 DAYS 180	21	498	146		875	217	571		14434		454		34	2315	1718	21262	26.27	1.26
	LOCAL SCHOOL DISTRICTS AVERAGE	30	41 DAYS 180	21	502	142		886	212	563		14394		445		38	2281	1709	21172	26.17	1.26

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	179999	30	15																		
	OCC WORK EXPER		DAYS																		
	AVERAGE		180	21	955	1257		775	930	15		13958		782		34	1021	3062	22789	28.19	1.34
	17XXXX	30	15																		
	T & I ED		DAYS																		
	AVERAGE		180	21	955	1257		775	930	15		13958		782		34	1021	3062	22789	28.19	1.34
	JOINT VOCATIONAL SCHOOL DISTRICTS																				
		30	15																		
			DAYS																		
	AVERAGE		180	21	955	1257		775	930	15		13958		782		34	1021	3062	22789	28.19	1.34

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		TOTAL			EXPENDITURES																
					INSTRUCTION																
LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	ADMIN-ISTRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN./ DIR. SCHOOL	VOC. COUN-SELORS	NON-VOC. COUN-SELORS	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS & SUPP.	VOC. TEXTS & SUPP.	ACAD. LAB. EQUIP.	VOC. SHOP LAB. EQUIP.	OTHER EXPEND.	OPER. AND MAINT.	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		30	109 DAYS																		
	AVERAGE		180	22	616	333		833	320	478		14864		902		42	1754	2038	22181	27.42	1.29

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	049998 OCC WORK ADJ AVERAGE	32	18 DAYS 180	19	340	0		595	164	286		13104		204		38	1072	1064	16868	31.23	1.67
	04XXXX DISTRIBUTIVE AVERAGE	32	18 DAYS 180	19	340	0		595	164	286		13104		204		38	1072	1064	16868	31.23	1.67
	CITY SCHOOL DISTRICTS																				
	AVERAGE	32	18 DAYS 180	19	340	0		595	164	286		13104		204		38	1072	1064	16868	31.23	1.67

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	049998	32	2																		
	OCC WORK ADJ		DAYS																		
	AVERAGE		182	19	340	0		493	0	265		12568		347		38	613	1053	15714	28.79	1.62
	04XXXX	32	2																		
	DISTRIBUTIVE		DAYS																		
	AVERAGE		182	19	340	0		493	0	265		12568		347		38	613	1053	15714	28.79	1.62
	EXEMPTED VILLAGE SCHOOL DISTRICTS																				
		32	2																		
			DAYS																		
	AVERAGE		182	19	340	0		493	0	265		12568		347		38	613	1053	15714	28.79	1.62

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	049998 DCC WORK ADJ AVERAGE	32	16 DAYS 180	17	240	145		369	173	273		10585		410		38	979	794	14006	25.98	1.58
	04XXXX DISTRIBUTIVE AVERAGE	32	16 DAYS 180	17	240	145		369	173	273		10585		410		38	979	794	14006	25.98	1.58
	LOCAL SCHOOL DISTRICTS AVERAGE	32	16 DAYS 180	17	240	145		369	173	273		10585		410		38	979	794	14006	25.98	1.58

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALL SCHOOLS WITH THE FOLLOWING PROGRAM TYPE																					
		32	36																		
	AVERAGE		DAYS 180	18	296	65		489	159	279		11955		303		38	1005	943	15532	28.76	1.62

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		00	366 DAYS																		
	AVERAGE		180	16	773	1088		569	694	94		12098		1390		2221	985	2230	22141	27.40	1.54
		01	185 DAYS																		
	AVERAGE		180	16	189	65		584	36	318		6951		565		2565	1229	1632	14133	20.97	1.33
		02	162 DAYS																		
	AVERAGE		180	19	499	593		379	355	297		7907		1218		2562	927	1471	16118	29.85	1.59
		03	DAYS																		
	AVERAGE			0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
		04	79 DAYS																		
	AVERAGE		179	16	131	6		198	0	112		4829		134		953	492	383	7238	26.90	1.76
		05	118 DAYS																		
	AVERAGE		179	14	73	20		134	0	97		3310		120		787	242	213	4967	27.78	2.08
		06	1 DAYS																		
	AVERAGE		180	14	68	0		110	0	99		2346		58		781	285	249	3966	22.03	1.57
		07	30 DAYS																		
	AVERAGE		180	26	109	19		153	121	98		2588		153		263	320	340	4164	30.82	1.25
		08	13 DAYS																		
	AVERAGE		178	16	128	0		249	0	115		3156		154		2049	411	455	7618	28.54	1.86
		09	867 DAYS																		
	AVERAGE		180	19	112	31		156	56	97		2687		273		1842	331	349	5936	33.02	1.82
		10	3 DAYS																		
	AVERAGE		179	19	347	511		678	473	485		13348		401		1653	1507	1116	20518	25.44	1.40

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	AVERAGE	11	3 DAYS 180	19	409	871		39	299	343		11444		2876		2625	898	1680	21484	31.83	1.72
	AVERAGE	12	64 DAYS 180	17	307	404		79	18	240		2766		2174		4577	689	1201	12454	23.06	1.37
	AVERAGE	13	3 DAYS 180	22	253	319		24	77	154		6234		1918		625	556	1040	11199	31.11	1.48
	AVERAGE	14	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	15	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	16	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	17	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	18	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	19	1 DAYS 180	14	89	0		179	693	0		2526		385		2333	290	306	6801	37.78	2.70
	AVERAGE	1A	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1B	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00

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LINE	TAXONOMY CODE/ NAME TEACHER NAME	TOTAL PROG TYPE	APP NO	EN-ROLL-MENT	EXPENDITURES ADMIN-ISTRA-TION	SUPV VOC AREAS	SUPV NON-VOC	PRIN / DIR SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	INSTRUCTION ACAD TCHRS	VOC TCHRS	ACAD TEXTS & SUPP	VOC TEXTS & SUPP	ACAD LAB EQUIP	VOC SHOP LAB EQUIP	OTHER EXPEND	OPER AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	AVERAGE	1C	DAYS		0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1D	DAYS		0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1E	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1F	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1G	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1H	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1J	DAYS	0	0	0		0	0	0		0		0		0	0	0	0	.00	.00
	AVERAGE	1K	1 DAYS 18	11	64	91		6	0	17		1957		487		2333	141	264	5360	29.78	2.71
	AVERAGE	2A	19 DAYS 18	21	623	261		891	299	446		13888		594		30	1629	2221	20881	25.79	1.23
	AVERAGE	20	36 DAYS 18	19	597	499		703	332	397		12707		881		610	1388	1856	19971	24.69	1.30
	AVERAGE	21	33 DAYS 18	22	456	134		651	94	442		10176		406		322	1337	1413	15432	22.86	1.11

STATE OF OHIO
DEPARTMENT OF EDUCATION
DIVISION OF VOCATIONAL EDUCATION
RESEARCH, SURVEY, EVALUATION AND EXEMPLARY PROGRAMS
DATA CENTER

SUMMARY OF SECONDARY VOCATIONAL EDUCATION INSTRUCTIONAL PROGRAM COSTS

MAY 22, 1975 FY74

TOTAL

LINE	TAXONOMY CODE/ NAME TEACHER NAME	PROG TYPE	APP NO	EN-ROLL-MENT	EXPENDITURES ADMIN-ISTRA-TION	SUPV VOC AREAS	SUPV NON-VOC	PRIN/ DIR SCHOOL	VOC COUN-SELORS	NON-VOC COUN-SELORS	INSTRUCTION ACAD TCHRS	VOC TCHRS	ACAD TEXTS & SUPP	VOC TEXTS & SUPP	ACAD LAB EQUIP	VOC SHOP LAB EQUIP	OTHER EXPEND	OPER AND MAINT	TOTAL COST	INDEX X	INDEX Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
		22	7																		
			DAYS																		
	AVERAGE		17	12	191	0		316	0	177		10461		77		188	534	503	12448	23.23	2.02
		23																			
			DAYS																		
	AVERAGE				0	0		0	0	0		0		0		0	0	0	0	.00	.00
		24	2																		
			DAYS																		
	AVERAGE		15	8	55	0		97	0	93		3974		75		188	276	187	4904	18.17	2.27
		30	119																		
			DAYS																		
	AVERAGE		15	22	616	333		333	320	478		14864		902		42	1754	2038	22181	27.42	1.29
		31																			
			DAYS																		
	AVERAGE				0	0		0	0	0		0		0		0	0	0	0	.00	.00
		32	36																		
			DAYS																		
	AVERAGE		18	15	296	55		459	159	279		11955		303		38	1005	943	15532	28.76	1.62
		3A																			
			DAYS																		
	AVERAGE				0	0		0	0	0		0		0		0	0	0	0	.00	.00
		3B																			
			DAYS																		
	AVERAGE				0	0		0	0	0		0		0		0	0	0	0	.00	.00
		3C																			
			DAYS																		
	AVERAGE				0	0		0	0	0		0		0		0	0	0	0	.00	.00

CHAPTER IV

STUDY FINDINGS

4.1 General findings at the program or class level
Preprinted data gathering instrument: An effective cost data collection tool

The preprinted data gathering instrument which reflects the various segments or the total cost of operating a vocational education instructional program or a class has been field tested in 355 of Ohio's 617 school districts during the past five years--1970 through 1974. Five-year-study findings indicate that this collection tool provides a sound internal analysis for determining actual or prorated cost of operating a vocational program among the expenditure categories of Administration, Supervisor Vocational Areas, Principal/Director School, Vocational Counselors, Non-Vocational Counselors, Vocational Teachers, Vocational Texts and Supplies, Vocational Shop Laboratory Equipment, Other Expenditures and Operation and Maintenance. In Ohio, almost 90% of the school districts involved in the three-year study have ledger accounts set up on a school district basis rather than a school building or a class basis. The data collection instrument and accompanying instructional manual needed to include a practical method of collecting cost analysis information for a small local or a large city school district with a minimum amount of labor output by a busy clerk-treasurer to insure completion of the report. (See appendix page 129). Therefore, the collection instrument seems to be practical in the 355 districts tested, as over 90% of all the clerk-treasurers did complete the cost report. After attending a one and one half hour orientation workshop and a three-hour inservice workshop, a small local or a small city district with less than 10 vocational teachers was able to complete its district's report in about one day, while a larger city or a joint vocational school district with more than 10 vocational units usually completed the report in about five days.

4.2 Specific Findings
Cost Analysis Report: An immediate use management tool

Immediate use in a court hearing: The third year cost study figures were used immediately after collection by a joint vocational school in an operating millage hearing to request an increase in an operating millage tax which a county tax auditor had previously reduced to agree with academic training costs in the area served by the joint vocational school district.

Immediate use by local administrators: Each of the 355 school districts that have completed a cost analysis report have been doing the report as part of their one-every-five-year evaluation of vocational education, which in Ohio is the state PRIDE (Program Review for the Improvement, Development and Expansion of Vocational Education and Guidance) review for each of the 21 vocational education planning districts that participate in the program review or evaluation each year.

Each year's completed cost analysis report has been consolidated into a Planning District Report which has been used by all of the local planning districts' PRIDE committees in conjunction with other PRIDE reports to plan for improvement, development and expansion of vocational education programs. These committees represent a cross section of people interested in education as each committee is composed of state and local school administrators, teachers, students, and lay personnel. Thus, the cost analysis report appears to have very significant "immediate use" value as these PRIDE committees are making vocational education management decisions for the planning district that affect both local and state vocational education students one, two, three or five years from now. Available funding has not covered everything the planning district needs or wants, so cost analysis appears to be one of the key factors in management decisions.

At the state level, the state PRIDE Consulting Committee, which includes members at all vocational administration levels such as supervisors, local vocational supervisors, local vocational superintendents, and local directors, agree that cost analysis reports are an effective determiner for setting priorities when used in conjunction with the rest of the PRIDE Review. Why? These reviews, such as PRODUCT (follow-up of vocational graduates), Process Variable (curriculum and instruction), Facilities and Equipment, Instructional Staff and Students, Availability and Impact (utilization of local resources), Community Acceptance (student and parent attitudes) and Administrative (identifies roles, objectives, structure, and responsibilities of administrative team) all include decisions based to a large extent on the necessity for setting priorities on limited funds available to obtain more effective vocational training for each dollar spent.

Depreciation Table: A method for leveling erratic equipment replacement costs and to use capital funds. The 15-school-district pilot cost study findings for equipment expenditures ranged from a few hundred dollars to several thousand dollars as the equipment cost was inserted for the year purchased rather than spreading it out over the years of actual use.

As there are no provisions for setting aside funds at a uniform rate each year in a depreciation account for the replacement of vocational shop equipment, school districts spasmodically replace equipment from a number of sources. Bond issues, building tax levies, operation funds, and federal projects are some of the sources used. This condition leads to an erratic expenditure for replacing equipment, which if used, would also product erratic costs in the study. Also, the cost expenditures in operating funds may fail to show the total cost of vocational shop laboratory equipment replacement. For these reasons, the State Division of Vocational Education has studied replacement costs and inserted a shop equipment depreciation in place of the actual expenditures from operating funds.

An unexpected benefit occurred when a joint vocational school requested the depreciation table figures for a court hearing to justify spending capital funds obtained from bond sales for capital items. In Ohio, capital items purchased must have an expected life factor of five years or longer. Therefore, the depreciation table was presented as evidence to indicate that almost all equipment could be expected to last five years or longer.

In-depth classes seem to make more effective use of shop labs: Regular in-school classes in program types 00,01, and 02 all use the shop lab 15 hours per week or three hours per day. Two classes normally use it, which means lab use for each week is 30 hours, which represents 100% use for the secondary level based on state elementary and secondary time standards. Regular in-school classes in program type 04 or 08 use the shop lab about seven and a half hours a week or an average daily use of one and a half hours. In the schools analyzed, a teacher usually had three classes which would use the same lab. Three classes times seven and a half hours represents a weekly lab use of 22.5 hours per week which represents 75% of program type 00 use unless the lab is used by another teacher's class. Regular in-school classes in program type 05 or 09 use the lab approximately five hours per week. Lab use per week averages 20 hours for a teacher who has four or five classes, which represents only 67% of program type 00 use unless another teacher uses it. Thus, the programs with more depth seem to be making more use of the shop lab, which reduces per hour cost, since the equipment depreciates in value whether it is being used or is standing idle.

Joint vocational school in-depth program costs compare quite favorably with city vocational program costs for programs with 22½ hours per week of vocational instruction, as indicated in full report and in the summary below:

Type of School District	Program Type	Average No. of Students in Class	No. of Programs	Average Per Pupil Hour Cost
City	00	19	49	$1.56
JVS	00	18	274	1.57
City	20	19	40	1.31
JVS	20	19	26	1.41
City	2A	21	7	1.24
JVS	2A	21	19	1.23
City	30	22	50	1.32
JVS	30	21	15	1.34

CHAPTER V

CONCLUSIONS AND RECOMMENDATIONS

5.1 Contribution to Education

The System for Analyzing the Cost of Operating Vocational Education Programs at the Secondary Level in Ohio provides (1) an internal analysis of the cost of operating a vocational education program among the expenditure categories of Administration, Supervisor Vocational Areas, Principal/Director School, Vocational Counselors, Non-Vocational Counselors, Vocational Teachers, Vocational Texts and Supplies, Vocational Shop Laboratory Equipment, Other Expenditures and Operation and Maintenance, and (2) a comparative analysis of the operating costs attributed to a vocational education program both by expenditure categories and total cost among classes, taxonomies, kinds of school districts and program types. The data base established from the cost analysis report provides vocational education administrators with one of the tools in a management information system. The availability of uniform cost data for vocational education programs will assist all vocational education decision-makers to select courses of action for vocational programming.

The system has value for all vocational administrators from the local educational agency level to the State Division of Vocational Education. However, each will use the system for different purposes.

The exchange of these cost data provides local administrators with a yardstick by which they may evaluate their vocational education program costs. The local vocational administrators, with the use of their completed data gathering instrument, may examine their internal analysis of expenditure categories by class, taxonomy, vocational service and program type in light of the relative values which the school district has placed upon them for making adjustments. In addition, local vocational administrators may compare their internal analysis of expenditure categories and their total operating costs attributed to a vocational education program by class, taxonomy, vocational service and program type within their school district, with a corresponding kind of school district and with state average statistics for making improvements. Furthermore, local educational agencies may study the average cost and data in planning operating budgets for existing and new programs.

The data generated are important as a part of a management information system for the State Division of Vocational Education to help local educational agencies review vocational education program costs and to help administrators find ways of improving, developing and expanding their vocational programs. The State Division of Vocational Education, with the use of the state study, may examine the internal analysis of expenditure categories by taxonomy, vocational service, type of school district and program type in light of the relative values which the State Division of Vocational Education has placed upon them for directing efficiency within the state. Likewise, the State Division of Vocational Education may compare internal analysis of expenditure categories and total operating costs attributed to a vocational education program by taxonomy, vocational service, kinds of school districts and program types for directing programs within the state. Furthermore, the State Division of Vocational Education may study the data generated to plan legislative action for support of existing and expanding programs.

5.2 Recommendations

Detailed building rather than district ledger accounting

Findings seem to indicate an urgent demand for reporting expenditures on at least a building basis if not by program, rather than the practice of reporting a whole school district expenditure for an item such as textbooks in one account to meet "accountability needs" for more effective fiscal management.

In fact, Robert E. Millisor, assistant deputy inspector, Schools and Libraries of Ohio, Bureau of Inspection and Supervision of Public Offices, already has a task force studying what changes to make on ledger accounts. However, the large amount of funds and time needed to retrain local school board clerks, plus the fact that most of the local districts are using manual bookkeeping systems rather than computers or bookkeeping machines, precludes having much of the detailed accounting that would be desirable for making effective management decisions.

As more of the local districts become involved in Ohio's concept of 107 Vocational Education Planning Districts rather than the present 617 separate planning districts, the training and computer use problems should be easier to solve. Where a larger number of students can be served, the cash outlay necessary to purchase or rent computer equipment can be justified.

Cost Analysis - intergral part of PRIDE follow-up

Cost follow-up as part of PRIDE seems to be necessary. Many of the local administrators involved with the study have also requested a follow-up visit with the principal investigator to learn what benefits may be derived from the report and how other districts are using the cost information as a planning tool to set up budgets which make more effective use of limited tax dollars. Here, cost appears to be a more useful management tool as it would be fed into the overall management planning along with the other five PRIDE elements, rather than being used as the sole or major factor in cutting or adding programs.

Increase in class size reduces per pupil cost: Each student added to a class above minimum class size up to maximum size authorized for effective instruction reduces training cost per pupil due to fixed teacher salary and relatively fixed laboratory depreciation costs. Other costs seem to increase about the same for each pupil added. A 1973 Mohrenweiser Minnesota Study claims that three variables - teachers' salaries, number of students enrolled, and current capital outlay and debt service expenditures--substantially affect the total cost among and between programs and school districts. In fact, the study further states that teachers' salaries represented about 50% of the total cost for each instructional contact hour of a program.(12) In this study, Ohio vocational teachers' salaries and related expenditures equal 54.6% for 366 programs in program type "00".

Teacher salary: Program Type 00 programs with 22½ hours of vocational instruction per week had a state average cost of $12,098.00 for a vocational teacher with an average class size of 18 pupils and average cost of $672.11 per pupil. If the same teacher had only 12 pupils, his or her salary would be the same, but the per pupil cost for vocational teacher instruction would be $1,008.17, or an increase of approximately 50% per pupil.

Depreciation of vocational shop laboratory equipment: Cost stays at about the same amount for the class of 12 or a class of 18 pupils because of variety of job stations needed to train the students. Style and obsolescence would cost about the same. Therefore, the wear on equipment caused by use becomes the variable.

Equipment replacement or depreciation costs in a secondary school lab setting decrease at a slower rate than class hours of equipment use, according to the state vocational education supervisors who analyze school labs in their daily role of approving programs and who assisted in setting up the state secondary equipment depreciation table. This change in value arises from style and obsolescence of equipment, which seem to be fairly constant in high school programs, while wear and tear is a variable but of lesser magnitude in computing a long term expenditure analysis. Depreciation cost ranges from 10% in an 00 program type to approximately 20% of total vocational program costs in a class where the lab is used 67% of each school week. A logical method to reduce this cost might be to spend limited vocational funds on programs or on combinations of programs that are set up for maximum utilization of lab equipment.

Large variances among program costs for the same expenditure category needs additional study:

Items such as equipment and salaries, besides the other direct and indirect costs reported in this study, as well as in the findings of a study conducted for the Minnesota State Department of Vocational-Technical Education which was released in August, 1973(13), merit serious study to determine where changes may be made. Why? The tax dollar is stretched to the point where funding priorities are necessary rather than a recommendation. To illustrate, the Ohio study revealed that 15 machine shop programs type "00" in joint vocational school districts had an average total cost of $24,971 as compared to four fabric service programs with the same lab time that only had an average total cost of 18,458. The major part of the Ohio difference,

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12/ Gary A. Mohrenweiser and Others, Educational Management Services, Inc., "A Study of the Funding of Vocational Education in the State of Minnesota," Minneapolis, Minnesota, August, 1973.
13/ See footnote number 2 on page 3.

as Mohrenweiser also claims, occurred in equipment depreciation.(14) Ohio listed 1,833 for fabric service but $5,000 for a machine shop. In other "00" program types, the cash outlay for other expenditures and operation and maintenance may be 50% higher than similar programs offered at other geographic locations such as the appalachian region of the state.

Need to analyze fiscal year reporting

One of the problems encountered in computing vocational program costs at the local level was the various ways school districts issue contracts and report fiscal year information. For example, local clerk-treasurers prepare an annual report for the Ohio Department of Education (Form 25) which covers the fiscal year of July 1, through June 30, and a Financial Report of the Board of Education (Form 59) for fiscal year January 1 through December 31, for the State of Ohio Auditor. Several other local reports may have as a fiscal year September 1, through August 31. Contracts for many administrative personnel start on Junly 1, through June 30, while many teaching personnel start September 1, through August 31. All of this adds to the reporting problem. Thus, the present system may require numerous calculations to obtain information for the requested time span. Therefore, this investigator recommends using a continuing advisory committee composed of local and state personnel who would have a more comprehensive picture of all needed reports and could suggest innovations that would make the present system more effective in terms of time and cost needed to complete requested reports. Robert E. Millisor, assistant deputy inspector, Schools and Libraries, Ohio, has already implemented some pilot accounting programs in local schools this year to study the school accounting system. Changes may come as people recognize the need for change and secure enough funds to pay for them. New and old accounting systems probably should have parallel systems while one system is being phased out.

14/ Educational Management Services, Inc. "A Study of Dr. Gary Mohrenweiser and others in the State of Minnesota" August 1973, page 91

APPENDIX 1.1

EQUIPMENT DEPRECIATION TABLE

EQUIPMENT DEPRECIATION TABLE FOR PROGRAM AND CLASS FOR ONE YEAR

Taxonomy	Program	Estimated Equipment Cost	Average Life In Years	Depreciation Rate Per Year for a Program	Depreciation Rate Per Year for a Class by Depth of Program		
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
					Class with Program Type*	Class with Program Type*	Class with Program Type*
					00 10 1A 01 11 1B 02 12 1C	04 08 14 18 1E 1J 03 13 1D	05 1K 32 06 20 2A 09 21 3A 15 22 3B 16 23 3C 19 24 07 1F 30 17 1G 31 1H
	AGRICULTURAL EDUCATION						
01.0100	Agricultural Production	$ 26,500	8	$ 3,313	$ 1,657	$ 1,104	$ 828
01.0101	Animal Science	---------	--	--------	--------	--------	--------
01.0104	Farm Business Management	22,500	8	2,813	1,407	938	703
01.0200	Agricultural Supplies/Services	7,000	8	875	438	292	219
01.0300	Agricultural Mechanics	38,500	8	4,813	2,407	1,604	1,203
01.0400	Agricultural Products	28,000	8	3,500	1,750	1,167	875
01.0500	Horticulture	29,000	8	3,625	1,813	1,208	906
01.0600	Agricultural Resources	13,000	8	1,625	812	542	406
01.0699	Other Agricultural Resources	31,500	8	3,938	1,969	1,313	985
01.0700	Forestry	22,500	8	2,813	1,407	938	703
01 Mult	Multi-Area Coop	22,500	8	2,813	1,407	938	703
	DISTRIBUTIVE EDUCATION						
04.0100	Advertising Services	9,350	8	1,168	584	389	292
04.0101	Radio Broadcasting	35,200	8	4,400	2,200	1,466	1,100
04.0102	Television	60,500	8	7,562	3,781	2,521	1,891
04.0200	Apparel and Accessories	9,350	8	1,169	584	390	292
04.0300	Automotive	9,350	8	1,169	584	390	292
04.0400	Finance and Credit	9,350	8	1,169	584	390	292
04.0500	Floristry	9,350	8	1,169	584	390	292
04.0600	Food Distribution	15,950	8	1,994	997	665	499
04.0700	Food Services	9,350	8	1,169	584	390	292
04.0800	General Merchandising	9,350	8	1,169	584	390	292
04.0801	Marketing Management	9,350	8	1,169	584	390	292
04.0802	Personnel Management	9,350	8	1,169	584	390	292
04.0900	Hardware, Building Materials, Farm and Garden Supplies and Equipment	9,350	8	1,169	584	390	292
04.1000	Home Furnishings	9,350	8	1,169	584	390	292
04.1100	Hotel and Lodging	79,750	10	7,975	3,988	2,658	1,994
04.1200	Industrial Marketing	9,350	8	1,169	584	390	292
04.1300	Insurance	9,350	8	1,169	584	390	292
04.1400	International Trade	9,350	8	1,169	584	390	292
04.1500	Personal Services	9,350	8	1,169	584	390	292

RSEE; GS 5/16/75

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
04.1501	Vocational Music	9,350	8	1,169	584	390	292
04.1502	Performing Arts	90,750	10	9,075	4,538	3,025	2,269
04.1600	Petroleum	9,350	8	1,169	584	390	292
04.1700	Real Estate	9,350	8	1,169	584	390	292
04.1800	Recreation and Tourism	9,350	8	1,169	584	390	292
04.1900	Transportation	13,200	8	1,650	825	550	413
04.3100	Other Wholesale Trade	9,350	8	1,169	584	390	292
04.9998	Occupational Work Adjustment	1,320	8	165	83	55	41
04 Mult	Multi-Area Coop	9,350	8	1,169	584	390	292
	HEALTH OCCUPATIONS						
07.0101	Dental Assisting	25,000	10	2,500	1,250	833	--------
07.0103	Dental Laboratory Assisting	30,000	10	3,000	1,500	1,000	750
07.0203	Medical Laboratory Assisting	50,000	10	5,000	2,500	1,667	--------
07.0302	Practical (Vocational) Nurse	30,000	10	3,000	1,500	1,000	--------
07.0303	Nurses' Assistance (Aide)	12,000	10	1,200	600	400	300
07.0307	Home Health Aide						
07.0603	Optometrist Assistant	45,000	10	4,500	2,250	1,500	--------
07.0904	Medical Assistant	30,000	10	3,000	1,500	1,000	--------
07.0906	Community Health Aide						
07.0998	Diversified Health Occupations	30,000	10	3,000	1,500	1,000	--------
07 Mult	Multi-Area Coop	1,500	11	136	--------	45	34
	HOME ECONOMICS EDUCATION						
09.0101	Comprehensive Homemaking	57,680	6	9,613	4,807	3,204	2,403
09.0102	Child Development	7,364	4	1,841	921	614	460
09.0103	Clothing and Textiles	15,450	5	3,090	1,545	1,030	773
09.0104	Consumer Education	5,665	5	1,133	567	378	283
09.0105	Family Health	7,364	6	1,227	614	409	307
09.0106	Family Relations	5,650	3	1,883	942	628	471
09.0107	Foods and Nutrition	28,840	4	7,210	3,605	2,403	1,803
09.0108	Home Management	5,665	5	1,133	567	378	283
09.0109	Housing & Home Furnishings	7,364	5	1,473	737	491	368
09.0195	Consumer & Homemaking Impact Program	57,680	6	9,613	4,807	3,204	2,403
09.0201	Child Care	15,000	6	2,500	1,250	833	625
09.0202	Fabric Service	44,000	12	3,[illegible]67	1,833	1,222	917
09.0203	Food Service	80,000	10	8,000	4,000	2,667	2,000
09.0204	Upholstery	55,000	10	5,500	2,750	1,833	1,375
09.0205	Community and Home Service	28,000	8	3,500	1,750	1,167	875
09.0206	Therapeutic Recreation	48,000	10	4,800	2,400	1,600	1,200
09.0213	Catering Service	35,000	8	4,375	2,188	1,458	1,094
09.0223	Baker	70,000	8	8,750	4,375	2,917	2,188
09 Mult	Coop Multi only for Prog. Type 20, 21, 30, or 31	1,200	10	120	--------	--------	30
	BUSINESS AND OFFICE EDUCATION						
14.0000	Cooperative Office Education	33,000	8	4,125	2,063	1,375	1,031
14.0100	Accounting and Computing Occupations	65,000	8	8,125	4,063	2,708	2,031
14.0200	Business Data Processing Systems	100,000	8	12,500	6,250	4,167	3,125
14.0301	Duplicating Operator	80,000	8	10,000	5,000	3,333	2,500
14.0302	Clerical Services Clerk	42,000	8	5,250	2,625	1,750	1,313
14.0303	General Office Clerk	42,000	8	5,250	2,625	1,750	1,313
14.0399	Office Machines Operator	60,000	8	7,500	3,750	2,500	1,875
14.0400	Information Communications Occupations	80,000	8	10,000	5,000	3,333	2,500
14.0402	Correspondence Clerk	80,000	8	10,000	5,000	3,333	2,500

RSEE: GS 5/16/75

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
14.0406	Medical Records Clerk	$ 80,000	8	$ 10,000	$ 5,000	$ 3,333	$ 2,500
14.0500	Materials Support, Transporting, Storing and Recording	60,000	8	7,500	3,750	2,500	1,875
14.0600	Personnel, Training and Related Occupations	65,000	8	8,125	4,063	2,708	2,031
14.0700	Stenographic, Secretarial, and Related Occupations	42,000	8	5,250	2,625	1,750	1,313
14.0800	Supervisory and Administrative Management Occupations	42,000	8	5,250	2,625	1,750	1,313
14.0900	Typing and Related Occupations	50,000	8	6,250	3,125	2,083	1,563
14.9900	Miscellaneous and Other						
14 Mult	Multi-Area Coop	33,000	8	4,125	2,063	1,375	1,031
	TRADE AND INDUSTRIAL EDUCATION						
17.0100	Air Conditioning and Heating	35,000	9	3,889	1,945	1,296	--------
17.0101	Cooling	35,000	9	3,889	1,945	1,296	--------
17.0102	Heating	35,000	9	3,889	1,945	1,296	--------
17.0103	Ventilating	35,000	9	3,889	1,945	1,296	--------
17.0200	Appliance Repair	15,000	8	1,875	938	625	--------
17.0301	Body and Fender*	25,000	9	2,778	1,389	926	--------
17.0302	Mechanics*	30,000	8	3,750	1,875	1,250	938
17.0303	Specialization	30,000	8	3,750	1,875	1,250	--------
17.0401	Aircraft Maintenance	150,000*	12	12,500	6,250	4,167	--------
17.0600	Business Machine Maintenance	14,000	8	1,750	875	583	--------
17.0700	Commercial Art Occupations	15,000	12	1,250	625	417	--------
17.0802	Ship and Boat Oper. & Maint.	60,000	10	6,000	3,000	2,000	--------
17.1001	Carpentry	20,000	8	2,500	1,250	833	--------
17.1002	Electricity	70,000	11	6,364	3,182	2,121	--------
17.1004	Masonry	10,000	10	1,000	500	333	--------
17.1005	Painting and Decorating	10,000	10	1,000	500	333	--------
17.1007	Plumbing and Pipefitting	15,000	10	1,500	750	500	--------
17.1011	Building and Maintenance	20,000	10	2,000	1,000	667	--------
17.1012	Industrial Maintenance	50,000	10	5,000	2,500	1,667	--------
17.1100	Custodial Services	15,000	10	1,500	750	500	--------
17.1200	Diesel Mechanic	40,000	8	5,000	2,500	1,667	--------
17.1201	Mine Maintenance Mechanic	75,000**	10	7,500	3,750	2,500	--------
17.1300	Drafting Occupations	16,000	10	1,600	800	533	--------
17.1402	Lineman						
17.1403	Motor Repairman						
17.1501	Communications	60,000	10	6,000	3,000	2,000	--------
17.1502	Industrial Electronics	60,000	9	6,667	3,334	2,222	--------
17.1503	Radio/Television	40,000	8	5,000	2,500	1,667	--------
17.1900	Graphic Arts Occupations	100,000	15	6,667	3,334	2,222	--------
17.2302	Machine Shop	250,000	20	12,500	6,250	4,167	3,125
17.2305	Sheet Metal	18,000	16	1,125	563	375	--------
17.2306	Welding and Cutting	40,000	11	3,637	1,819	1,212	--------
17.2602	Cosmetology	20,000	11	1,818	909	606	--------
17.3000	Refrigeration	32,000	9	13,556	6,778	4,519	--------
17.3100	Small Engine Repair	18,000	8	2,250	1,125	750	--------
17.3601	Millwork and Cabinet Making	20,000	8	2,500	1,250	933	--------
17.9998	Occupational Laboratory	25,000	12	2,083	1,042	694	--------
17.9999	Occupational Work Experience	2,000	11	182	91	61	46

* without items covered in general contract
** does not include necessary industry contributions

RSEE: GS 5/16/75

APPENDIX 1.2

PARTICIPATING SCHOOL DISTRICTS
School Year 1973-1974

CITY SCHOOL DISTRICTS

Beachwood
Bedford
Bellefontaine
Belpre
Brecksville
Brunswick
Chillicothe
Cincinnati
Claymont
Deer Park
Delaware
Dover
Eaton
Greenhills-Forest Park
Hillsboro
Loveland
Madeira
Marietta
Mayfield
Medina
Miamisburg
Mount Healthy
New Philadelphia
North College Hill
North Ridgeville
North Royalton
Orange
Princeton
River View
Solon
St. Bernard-Elmwood Place
Steubenville
Toronto
Trotwood-Madison
Urbana
Vandalia Butler
Washington Court House
West Carrollton
Wilmington

EXEMPTED VILLAGE SCHOOL DISTRICTS

Carrollton
Indian Hill
Marysville
Mechanicsburg
Milford

Milton Union
Newcomerstown
Tipp City

LOCAL SCHOOL DISTRICTS	COUNTY
Adena	Ross
Avon	Lorain
Bethel	Miami
Big Walnut	Delaware
Brookville	Montgomery
Buckeye	Medina
Buckeye	Jefferson
Buckeye Valley	Delaware
Carlisle	Warren
Clinton-Massie	Clinton
Cloverleaf	Medina
Columbia	Lorain
Conotton Valley Union	Harrison
Coventry	Summit
East Clinton	Clinton
East Franklin	Summit
East Holmes	Holmes
Fairfield	Highland
Forest Hills	Hamilton
Fort Frye	Washington
Frontier	Washington
Garaway	Tuscarawas
Goshen	Clermont
Highland	Medina
Huntington	Ross
Independence	Cuyahoga
Indian Creek	Jefferson
Indian Lake	Logan
Indian Valley	Tuscarawas
Keystone	Lorain
Logan Elm	Pickaway
Lynchburg-Clay	Highland
Madison	Richland
Mason	Warren
Miami East	Miami
Miami Trace	Fayette
Midview	Lorain
New Lebanon	Montgomery
Nordonia Hills	Summit
Northmont	Montgomery
Northwest	Hamilton
Oak Hills	Hamilton
Olentangy	Delaware
Paint Valley	Ross
Preble Shawnee	Preble
Reading Community	Hamilton
Revere	Summit
Richmond Heights	Cuyahoga
Ridgemont	Hardin
Ridgewood	Coshocton

Riverside	Logan
Scioto Valley	Ross
Southwest	Hamilton
Strasburg-Franklin	Tuscarawas
Switzerland of Ohio	Monroe
Triad	Champaign
Tuscarawas Valley	Tuscarawas
Twin Valley	Preble
Union Scioto	Ross
Upper Scioto Valley	Hardin
Valley View	Montgomery
Warren	Washington
Wayne	Montgomery
Waynesville-Goshen	Auglaize
Westfall	Pickaway
Zane Trace	Ross

JOINT VOCATIONAL SCHOOL DISTRICTS

Cuyahoga Valley JVSD
Great Oaks JVSD
Lorain County JVSD
Montgomery County JVSD
Ohio Hi-Point JVSD
Washington County JVSD

SCHOOL DISTRICT
SCHOOL

Summary of Secondary Vocational Education Instructional Program Costs

NUMBER DAYS IN SCHOOL YEAR

					EXPENDITURES																
						INSTRUCTION															
LINE	TAXONOMY CODE NAME TEACHER NAME	PROG. TYPE	APP. NO.	EN-ROLL-MENT	AD-MINIS-TRA-TION	SUPV. VOC. AREAS	SUPV. NON-VOC.	PRIN. DIR. SCHOOL	VOC. COUN.	NON. VOC. COUN.	ACAD. TCHRS.	VOC. TCHRS.	ACAD. TEXTS AND SUPP.	VOC. TEXTS AND SUPP.	ACAD. LAB EQUIP.	VOC. SHOP LAB EQUIP.	OTHER EX-PEND.	OPER. AND MAIN.	TOTAL COST	Index X	Index Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

Conversion Table for Program Type to Daily and Weekly Class Hours

PROGRAM TYPE*	DAILY CLASS HOURS	WEEKLY CLASS HOUR	DESCRIPTION
00	4.50	22.50	*Preparatory, Secondary, In-School and Regular*
01	3.75	18.75	
02	3.00	15.00	
03	2.00	10.00	
04	1.50	7.50	
05	1.00	5.00	
06	1.00	5.00	
07	.75	3.75	
08	1.50	7.50	
09	1.00	5.00	
10	4.50	22.50	*Preparatory, Secondary, In-School, and Disadvantaged*
11	3.75	18.75	
12	3.00	15.00	
13	2.00	10.00	
14	1.50	7.50	
15	1.00	5.00	
16	1.00	5.00	
17	.75	3.75	
18	1.50	7.50	
19	1.00	5.00	
1A	4.50	22.50	*Preparatory, Secondary, In-School and Handicapped*
1B	3.75	18.75	
1C	3.00	15.00	
1D	2.00	10.00	
1E	1.50	7.50	
1F	1.00	5.00	
1G	1.00	5.00	
1H	.75	3.75	
1J	1.50	7.50	
1K	1.00	5.00	
20	4.50	22.50	*Preparatory, Secondary, Co-op, and Regular*
21	3.75	18.75	
22	3.00	15.00	
23	2.00	10.00	
24	1.50	7.50	
30	4.50	22.50	*Preparatory, Secondary, Co-op and Disadvantaged*
31	3.75	18.75	
32	3.00	15.00	
3A	4.50	22.50	*Preparatory, Secondary, Co-op, and Handicapped*
3B	3.75	18.75	
3C	3.00	15.00	

*Refer to Column 3 of the "Summary of Secondary Vocational Education Instructional Program Costs" sheet.

ADMINISTRATION

This refers to the salary and related expenditures for administrators whose vocational services in general cut across more than one vocational area for the total school district as: superintendent of school, superintendent of a joint vocational school, or director of vocational education in a school system.

See Instruction—Supervisors of Nonvocational Areas if the salary expenditure is for service which in general cuts across more than one vocational area but is in one school plant.

$$\text{Computation for Vocational Education Administration Costs per class} = \frac{\text{Administration Salaries and Related Expenditures}}{\text{Total Number Pupils Served by Administration}}$$

$$\text{Computation for Vocational Education Administration Costs per class} = \text{Administration Costs Per Pupil X Number of Vocational Pupils in class}$$

Total all salary and related expenditures for administration and distribute to column 6 for each line A according to computation above. Round entries to nearest whole dollar.

Administration (Column 6)

Personal Services, Salaries and Wages

[1]A—1	[2]Salaries—Members—Board of Education	[3]4 000 01001	Compensation which each board member receives for attending each regular meeting.
A—1a	Salaries—Members—Board of Education	4 000 01001	Compensation which each board member receives for attendance at annual county board meeting. (Local School Districts only.)
A—2	Salary—Clerk	4 000 01001	Only the salary of the clerk of the board.
A—2a	Salaries—Assistants to Clerks	4 000 01001	Only the salaries of the assistants to the clerk.
A—2b	Salaries—Employees in Clerk's Office	4 000 01001	Salaries of all other employees in the clerk's office.
A—3	Salary—Business Manager	4 000 01001	Only the salary of the business manager. (City School Districts only.)
A—3a	Salaries—Employees in Business Manager's Office	4 000 01001	Salaries of all other employees in the business manager's office.
A—4	Salaries—Officers and Employees in Charge of Buildings	4 000 01001	Salary of building superintendent or such person who has charge of buildings.

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[1] State Auditor's Ledger Account Code
[2] State Auditor Classification of Accounts
[3] State Auditor Computer Code
[4] State Auditor Description of Accounts

A—5	Salaries—Officers and Employees in Charge of Supplies	4 000 01001	Salaries of persons who have charge of issuing supplies, and stock room employees where books and supplies are issued from a central stock room or stock rooms in the various buildings.
A—6	Salary—Superintendent of Schools	4 000 01001	Salary of superintendent of schools of a City School District; salary of superintendent of schools of an Exempted Village School District; salary of superintendent of schools of a Joint Vocational School District.
A—6a	Salaries—Assistant Superintendents or Local Superintendent	4 000 01001	Salaries of the assistant superintendents employed by City, Exempted Village, or Joint Vocational School Districts; salary of local superintendent of Local School District.
A—6b	Salaries—Employees in Superintendent's or Local Superintendent's Office	4 000 01001	Salaries of all persons employed as clerks, typists, secretaries, etc., in superintendent's or local superintendent's office.
A—7	Salaries—Officers and Employees for Administration of Vocational Relations	4 000 01001	Salary of person employed as coordinator of vocational education program such as industrial arts, metal shop classes, vocational agriculture, vocational home economics classes, etc.; salary of coordinator of Federal programs; salaries of persons employed in coordinator's office.
A—8	Salaries—Officers and Employees for School Census	4 000 01001	Salaries of persons employed to take enumeration of youth of school age in the district.
A—9	Salaries—Officers and Employees for Administration of Coordinate Activities	4 000 01001	Salaries of the administrator and office help of such coordinate activities as the physical education program, intramural program, summer playground program, etc.
A—10	Salaries—Other employees for Administration Buildings	4 000 01001	Compensation paid to janitors, engineers, cleaning personnel, maids, etc., in the administration buildings.
A—11	Salaries—Other employees for General Administration	4 000 01001	Compensation paid to guidance director, school psychologist, and employees whose administrative duties are not covered under other appropriations.
A—34	Salaries—Legal Services	4 000 01001	Compensation for all legal services rendered the board of education for bond issues, court cases, etc.

Supplies

B—1	Administration Offices	4 000 21001	All expendable supplies for the administration offices such as books, paper, postage, letterhead, envelopes, warrants, ledgers, minute books, etc.

Equipment Replacement

D—1	Administration Offices	4 000 30001	Equipment to replace that now in use, or that being taken out of use, in the administration offices, i.e., desks, chairs, typewriters, adding machines, duplicators, etc.

Contract and Open Service

E—1	Repairs—Administration Offices and Buildings	4 000 26009	Repairs to administration offices and/or buildings by outside contractors, including labor and material.
E—3	Repairs—Equipment—Administration	4 000 26001	Repairs to administration equipment by outside contractors, servicemen, or repairmen.
E—15	Service Fund	4 000 23001	Expenses of members of the board of education or its official representatives, actually incurred in the performance of their duties when sent out of the district for the purpose of promoting the welfare of the schools under their charge. A sum not to exceed $.20 per pupil enrolled or $1,000, whichever is greater, is authorized by statute.
E—16	Transportation of Employees—Administration	4 000 23004	Travel expenses of administrative employees in the performance of their duties for the school district.
E—17	Advertising	4 000 28004	All advertising costs such as financial statements, budget hearings, bids, inactive deposits, legal notices, etc.
E—19	Expenses—Employees—Professional Meetings	4 000 23002	All expenses of certificated and noncertificated employees for attending professional meetings.

Fixed Charges

F—1	Rent—Administration Offices and Buildings	4 000 27005	Rent paid for offices or buildings used for administration purposes.

F—5	Teacher's Retirement Contributions	4 290 29051	Charges deducted from Foundation Fund for teacher's retirement contributions. Only those retirement contributions pertaining to those personnel identified in this category shall be included.
F—5a	Employees' Retirement Contributions	4 290 29052	Charges deducted from Foundation Fund for employees' retirement contributions. Only those retirement contributions pertaining to those personnel identified in this category shall be included.
F—7	Other Fixed Charges and Contributions (Health Insurance)	4 290 29097	Health Insurance paid by board of education for employees. Only those expenditures pertaining to personnel identified in this category should be included.